

GenCore version 5.1.6  
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## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 78 Seconds

(without alignments)

188.801 million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9  
Sequence: 1 gagtagtag 9

Scoring table: IDENTITY NUC

GapoP 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters:

1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 100 summaries

Database : Issued Patents NA:\*

1: /cgna2\_6\_ptodata/1/ina/5A COMB. seq \*

2: /cgna2\_6\_ptodata/1/ina/5B COMB. seq \*

3: /cgna2\_6\_ptodata/1/ina/6A COMB. seq \*

4: /cgna2\_6\_ptodata/1/ina/6B COMB. seq \*

5: /cgna2\_6\_ptodata/1/ina/PETUS COMB. seq \*

6: /cgna2\_6\_ptodata/1/ina/backfile1 .seq: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB ID	Description
1	9	100.0	9	3	US-09-048-927-1	Sequence 1, Appli
c	2	9	100.0	15	3	Sequence 6, Appli
c	3	9	100.0	15	3	Sequence 7, Appli
c	4	9	100.0	15	3	Sequence 6, Appli
c	5	9	100.0	15	3	Sequence 7, Appli
c	6	9	100.0	15	4	Sequence 6, Appli
c	7	9	100.0	15	4	Sequence 7, Appli
c	8	9	100.0	17	1	Sequence 365, Appli
c	9	9	100.0	15	3	Sequence 367, Appli
c	10	9	100.0	17	1	Sequence 369, Appli
c	11	9	100.0	17	1	Sequence 371, Appli
c	12	9	100.0	17	4	Sequence 2751, Appli
c	13	9	100.0	17	4	Sequence 2751, Appli
c	14	9	100.0	17	4	Sequence 2752, Appli
c	15	9	100.0	17	4	Sequence 2753, Appli
c	16	9	100.0	17	4	Sequence 2754, Appli
c	17	9	100.0	17	4	Sequence 2755, Appli
c	18	9	100.0	17	4	Sequence 2756, Appli
c	19	9	100.0	17	4	Sequence 2757, Appli
c	20	9	100.0	17	4	Sequence 2758, Appli
c	21	9	100.0	20	3	Sequence 101, Appli
c	22	9	100.0	20	3	Sequence 102, Appli
c	23	9	100.0	20	3	Sequence 103, Appli
c	24	9	100.0	20	3	Sequence 104, Appli
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						Sequence 6551, AP
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						Sequence 8965, APP
						Patent No. 5455029-6
						Patent No. 5455029-26
						Sequence 8, Appli
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						Sequence 44680, A
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						Sequence 44683, A
						Sequence 44684, A

RESULT 1

; Sequence 1, Application US/09048927

; Patent No. 6147056

; GENERAL INFORMATION:

; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Yar, Mina

; APPLICANT: Eiler, Mark

; TITLE OF INVENTION: Use of Locally Applied DNA Fragments

; FILE REFERENCE: BU94-6BA2

; CURRENT FILING DATE: 1998-03-26

; EARLIER APPLICATION NUMBER: 08/952,697

; EARLIER FILING DATE: 1996-06-03

; EARLIER APPLICATION NUMBER: 08/467,012

; EARLIER FILING DATE: 1995-06-06

; NUMBER OF SEQ ID NOS: 4

; SOFTWARE: FASTSEQ for Windows Version 3.0

; SEQ ID NO 1

; LENGTH: 9

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: DNA Fragment

US-09-048-927-1

Query Match	100.0%	Score 9;	DB 3;	Length 9;
Best Local Similarity	100.0%	Pred. No. 1.	8e-08;	
Matches	9;	Conservative	0;	Mismatches 0;
			0;	Gaps 0;

Qy      1 GAGTAGAG 9  
       ||||| |  
       1 GAGTAGAG 9

Db

RESULT 2

; Sequence 6, Application US/09049190

; GENERAL INFORMATION:

; APPLICANT: Nielsen et al.

; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity

; NUMBER OF SEQUENCES: 20

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/049,190

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: John W. Caldwell

; REGISTRATION NUMBER: 28,937

; REFERENCE/DOCKET NUMBER: ISIS-2560

; TELECOMMUNICATION INFORMATION:

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 14  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 15  
 OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-c-lysine-glycine  
 OTHER INFORMATION: backbone

US-09-049-190-6

Query Match Score 9; DB 3; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTAGAG 9  
 Db 11 GAGTAGAG 3

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RESULT 3  
 US-09-049-190-7/c  
 Sequence 7, Application US/09049190  
 Patent No. 6190866

GENERAL INFORMATION:  
 APPLICANT: Nielsen et al.  
 TITLE OF INVENTION: Peptide Nucleic Acids Having  
 Antibacterial Activity  
 NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/049,190  
 FILING DATE:

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: John W. Caldwell  
 REFERENCE/DOCKET NUMBER: ISIS-2560  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-567-3439  
 TELEFAX: 215-567-3100  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 1  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 2  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

NAME/KEY: Modified-site  
 LOCATION: 3  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 4  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 5  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 6  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 7  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 8  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 9  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 10  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 11  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 12  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 13  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 14  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone

FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 15  
 OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-c-lysine-glycine backbone

US-09-049-190-7

Query Match Score 9; DB 3; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTAGAG 9  
 Db 14 GAGTAGAG 6

RESULT 4 US-08-932-1406-6/c Sequence 6 Application US/08932140C Patent No. 6300318 GENERAL INFORMATION: APPLICANT: Nielsen et al. TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity NUMBER OF SEQUENCES: 23 CORRESPONDENCE ADDRESS: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & STREET: One Liberty Place - 46th Floor CITY: Philadelphia STATE: PA ZIP: 19103 COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Microsoft Word CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/932,140C FILING DATE: September 16, 1997 CLASSIFICATION: APPLICATION NUMBER: PRIORITY APPLICATION DATA: FILING DATE: ATTORNEY/AGENT INFORMATION: NAME: John W. Caldwell REGISTRATION NUMBER: 28,937 REFERENCE/DOCKET NUMBER: ISIS-2560 TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100 TELEFAX: 215-568-3439 INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS: LENGTH: 15 bases TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear FEATURE: NAME/KEY: Modified-site LOCATION: 1 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 2 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 3 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 4 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 5 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 6 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 7 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE:

; NAME/KEY: Modified-site LOCATION: 8 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 9 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 10 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 11 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 12 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 13 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 14 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 15 OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine backbone

US-08-932-1406-6 Query Match Score 9; DB 3; Length 15; Best Local Similarity 100.0%; Pred. No. 5.ee+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 11 GAGTATGAG 3

RESULT 5 US-08-932-1406-7/c Sequence 7 Application US/08932140C Patent No. 6300318 GENERAL INFORMATION: APPLICANT: Nielsen et al. TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity NUMBER OF SEQUENCES: 23 CORRESPONDENCE ADDRESS: ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & STREET: One Liberty Place - 46th Floor CITY: Philadelphia STATE: PA ZIP: 19103 COMPUTER READABLE FORM: MEDIUM TYPE: 3.5 inch disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Microsoft Word CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/932,140C FILING DATE: September 16, 1997 CLASIFICATION: PRIORITY APPLICATION DATA: FILING DATE: ATTORNEY/AGENT INFORMATION: NAME: John W. Caldwell REGISTRATION NUMBER: 28,937 REFERENCE/DOCKET NUMBER: ISIS-2560 TELECOMMUNICATION INFORMATION: TELEPHONE: 215-568-3100 TELEFAX: 215-568-3439 INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS: LENGTH: 15 bases TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear FEATURE: NAME/KEY: Modified-site LOCATION: 1 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 2 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 3 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 4 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 5 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 6 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE: NAME/KEY: Modified-site LOCATION: 7 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone FEATURE:

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ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28, 937
REFERENCE/DOCKET NUMBER: ISIS-25560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
NAME/KEY: Modified-site
FEATURE: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
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OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
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LOCATION: 9
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LOCATION: 10
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE: Modified-site
LOCATION: 11
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OTHER INFORMATION: backbone
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LOCATION: 12
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone

; FEATURE: Modified-site
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE: Modified-site
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE: Modified-site
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
; OTHER INFORMATION: lysine-glycine backbone
; US-08-932-140C-7

Query Match Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0

US-09-486-623C-6/c
; RESULT 6
; Sequence 6, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3232
; CURRENT FILING DATE: 2000-07-06
; PRIORITY NUMBER: US/09/486,623C
; PRIORITY NUMBER: 08/932,140
; PRIORITY FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)-(14)
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)-(15)
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
; US-09-486-623C-6

Query Match Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0

US-09-486-623C-7/c
; RESULT 7
; Sequence 7, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3292
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CURRENT APPLICATION NUMBER: US/09/486,623C
CURRENT FILING DATE: 2000-07-06
PRIOR FILING DATE: 08/932,140
NUMBER OF SEQ ID NOS: 30
SEQ ID NO: 7
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(14)
OTHER INFORMATION: N-acetyl [2-aminoethyl] -G-lysine-glycine
FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(15)
OTHER INFORMATION: N-[acetyl (2-aminoethyl)] -G-lysine-glycine

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Query Match 100.0%; Score 9; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
US-08-758-306-365

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Query Match 100.0%; Score 9; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
US-08-758-306-365

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; INFORMATION FOR SEQ ID NO: 365:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base Pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-365

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
        ||||| | |
Db      17 GAGTATGAG 9

RESULT 9
US-08-758-306-367/C
; Sequence 367, Application US/08758306
; Patent No. 5807743

; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; ASSOCIATED WITH
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: ASSOCIATED WITH
; NUMBER OF SEQUENCES: 1379

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; COMPUTER: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 367:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base Pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-367

Qy      1 GAGTATGAG 9
        ||||| | |

```

Db 15 GAGTATGAG 7

RESULT 10 TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon &amp; Lyon

STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/758,306

FILING DATE: December 3, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 212/132

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 371:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-758-306-371

Query Match 100.0%; Score 9; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 5.6e+03;

Matches 9; Conservative 0; Mismatches 0; Indels 0;

Gaps 0; Gaps 0;

Qy 1 GAGTATGAG 9

Db 9 GAGTATGAG 1

RESULT 12 US-09-866-108A-2750

; Sequence 2750, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: HANNON, Mark

; FILE REFERENCE: ABOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-01-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

RESULT 11 US-08-758-306-371/c

Sequence 371, Application US/08758306

Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: McSwigan, James A.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES

ASSOCIATED WITH

INTERLEUKIN-2 RECEPTOR

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO: 2750  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

RESULT 14  
US-09-866-108A-2752  
Query Match 100.0%; Score 9; DB 4; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 8 GAGTATGAG 16

FILE REFERENCE: Acomica-7  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
FILE REFERENCE: Acomica-7  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
FILE REFERENCE: Acomica-7  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24253.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: GB 24253.6  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO: 2752  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

RESULT 15  
US-09-866-108A-2753  
Query Match 100.0%; Score 9; DB 4; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 7 GAGTATGAG 15

FILE REFERENCE: Acomica-7  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-10  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO: 2751  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeonimca Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 2754  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-2754  
 Query Match 100.0%; Score 9; DB 4; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 /  
 Qy 1 GAGTATGAG 9  
 Db 5 GAGTATGAG 13  
 /  
 RESULT 17  
 US-09-866-108A-2755  
 ; Sequence 2755, Application US/09866108A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wenheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR FILING DATE: 2000-05-26  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeonimca Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 2753  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-2753  
 Query Match 100.0%; Score 9; DB 4; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.6e+03; Length 17;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 /  
 Qy 1 GAGTATGAG 9  
 Db 6 GAGTATGAG 14  
 /  
 RESULT 16  
 US-09-866-108A-2754  
 ; Sequence 2754, Application US/09866108A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wenheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR FILING NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR FILING NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR FILING NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR FILING NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR FILING NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aeonimca Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 2755  
 ; LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-866-108A-2755

Query Match 100.0%; Score 9; DB 4; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 4 GAGTATGAG 12

---

RESULT 18  
US-09-866-108A-2756  
Sequence 2756, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEONICA-7

CURRENT APPLICATION NUMBER: US/09/866108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/006664  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2757  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108A-2756

Query Match 100.0%; Score 9; DB 4; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 3 GAGTATGAG 11

---

RESULT 20  
US-09-866-108A-2758  
Sequence 2758, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEONICA-7

CURRENT APPLICATION NUMBER: US/09/866108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/006663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2758  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108A-2758

Query Match 100.0%; Score 9; DB 4; Length 17;  
Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 3 GAGTATGAG 11

---

RESULT 19  
US-09-866-108A-2757  
Sequence 2757, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:

PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755  
 SOFTWARE: Novomics Sequence Listing Engine  
 Patent No. 6886188  
 SEQ ID NO: 2758  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-09-866-108A:2758

Query Match Score 9; DB 4; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 5.6e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 GAGTATGAG 9
Db	1 GAGTATGAG 9

RESULT 21  
 US-09-287-796-101  
 ; Sequence 101, Application US/09287796A  
 ; Patent No. 6133246  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McKay, Robert A.  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Monia, Brett  
 ; APPLICANT: Nero, Pam  
 ; APPLICANT: Gaarde, William A.  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
 ; FILE REFERENCE: ISPH-0350  
 ; CURRENT FILING DATE: 1999-04-07  
 ; EARLIER APPLICATION NUMBER: 09/130, 616  
 ; EARLIER FILING DATE: 1998-08-07  
 ; EARLIER APPLICATION NUMBER: 08/910, 629  
 ; EARLIER FILING DATE: 1997-08-03  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO: 101  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic sequence  
 US-09-287-796-101

Query Match Score 9; DB 3; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 GAGTATGAG 9
Db	9 GAGTATGAG 17

RESULT 22  
 US-09-287-796-102  
 ; Sequence 102, Application US/09287796A  
 ; Patent No. 6133246  
 ; GENERAL INFORMATION:

RESULT 23  
 US-09-130-616-101  
 ; Sequence 101, Application US/09130616C  
 ; Patent No. 6221850  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McKay, Robert A.  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Nero, Pam  
 ; APPLICANT: Gaarde, William A.  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
 ; FILE REFERENCE: ISPH-0318  
 ; CURRENT FILING NUMBER: US/09/130, 616C  
 ; CURRENT FILING DATE: 1998-08-07  
 ; EARLIER APPLICATION NUMBER: 08/910, 629  
 ; EARLIER FILING DATE: 1997-08-03  
 ; NUMBER OF SEQ ID NOS: 178  
 ; SEQ ID NO: 101  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic sequence  
 US-09-130-616-101

Query Match Score 9; DB 3; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 GAGTATGAG 9
Db	9 GAGTATGAG 17

RESULT 24  
 US-09-130-616-102  
 ; Sequence 102, Application US/09130616C  
 ; Patent No. 6221850  
 ; GENERAL INFORMATION:

RESULT 25  
 US-09-105-058C-15  
 ; Sequence 15, Application US/09105058C  
 ; Patent No. 6403360  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Blanar, Michael A.  
 ; APPLICANT: Dworetzky, Steven A.  
 ; APPLICANT: Gribkoff, Valentin K.  
 ; APPLICANT: Levesque, Paul C.  
 ; APPLICANT: Little, Wayne A.  
 ; APPLICANT: Neubauer, Michael G.  
 ; APPLICANT: Yang, Wen-Pin  
 ; TITLE OF INVENTION: KCNQ POTASSIUM CHANNELS AND METHODS OF MODULATING SAME  
 ; FILE REFERENCE: 3053-4052  
 ; CURRENT APPLICATION NUMBER: US/09/105,058C  
 ; CURRENT FILING DATE: 1998-06-26  
 ; PRIOR APPLICATION NUMBER: US 60/055,599  
 ; PRIOR FILING DATE: 1997-08-12  
 ; NUMBER OF SEQ ID NOS: 28  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 15  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic sequence  
 US-09-130-616-102  
 Query Match 100.0%; Score 9; DB 3; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 RESULT 27  
 US-09-517-467B-84/C  
 ; Sequence 84, Application US/09517467B  
 ; Patent No. 6451602  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ian Popoff  
 ; APPLICANT: Lex M. Cowert  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
 ; FILE REFERENCE: RTS-0150  
 ; CURRENT APPLICATION NUMBER: US/09/517,467B  
 ; CURRENT FILING DATE: 2001-03-02  
 ; PRIOR APPLICATION NUMBER: 09/517,467  
 ; PRIOR FILING DATE: 2000-03-02  
 ; NUMBER OF SEQ ID NOS: 345  
 ; SEQ ID NO 84  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-517-467B-84  
 Query Match 100.0%; Score 9; DB 3; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 RESULT 28  
 US-09-422-978-6551/C  
 ; Sequence 6551, Application US/09422978  
 ; Patent No. 6537751  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cohen, Daniel  
 ; APPLICANT: Blumenfeld, Marta  
 ; APPLICANT: Chumakov, Illya  
 ; FILE REFERENCE: GENST-020CPI  
 ; CURRENT APPLICATION NUMBER: US/09/422,978  
 ; EARLIER APPLICATION NUMBER: US 09/298,850  
 ; EARLIER FILING DATE: 1999-04-21  
 ; EARLIER APPLICATION NUMBER: US 60/109,732  
 ; EARLIER FILING DATE: 1998-11-23  
 ; EARLIER APPLICATION NUMBER: US 60/082,614  
 ; EARLIER FILING DATE: 1998-04-21  
 ; GENERAL INFORMATION:  
 RESULT 26  
 US-09-851-062-29/C  
 ; Sequence 29, Application US/09851062  
 ; Parent No. 6448081  
 ; GENERAL INFORMATION:

RESULT 29  
 ; NUMBER OF SEQ ID NOS: 11796  
 ; SEQ ID NO 6551  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURES:  
 ; NAME/KEY: primer\_bind  
 ; LOCATION: 1..20  
 ; OTHER INFORMATION: upstream amplification primer 99-12268 for SEQ 2617,  
 US-09-422-978-6551  
 ; CURRENT FILING DATE: 2001-01-31  
 ; PRIOR APPLICATION NUMBER: 09/396,902  
 ; PRIOR FILING DATE: 1999-09-15  
 ; PRIOR APPLICATION NUMBER: 09/130,616  
 ; PRIOR FILING DATE: 1998-08-07  
 ; PRIOR APPLICATION NUMBER: 08/910,629  
 ; PRIOR FILING DATE: 1997-08-03  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO 102  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-09-774-809-102  
 Query Match 100.0%; Score 9; DB 4; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 Qy 1 GAGTATGAG 9  
 Db 9 GAGTATGAG 1

RESULT 31  
 ; Sequence 101, Application US/09774809  
 ; Patent No. 6809193  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McKay, Robert A.  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Nero, Pam  
 ; APPLICANT: Gaarde, William A.  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
 ; FILE REFERENCE: ISPH-0412  
 ; CURRENT FILING DATE: 2001-01-31  
 ; PRIOR APPLICATION NUMBER: 09/774,809  
 ; PRIOR FILING DATE: 1999-09-15  
 ; PRIOR APPLICATION NUMBER: 09/130,616  
 ; PRIOR FILING DATE: 1998-08-07  
 ; PRIOR FILING DATE: 1997-08-03  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO 101  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; OTHER INFORMATION: Synthetic Sequence  
 US-09-774-809-101  
 Query Match 100.0%; Score 9; DB 4; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 Qy 1 GAGTATGAG 9  
 Db 9 GAGTATGAG 17

RESULT 32  
 ; Sequence 102, Application US/09774809  
 ; Patent No. 6809193  
 ; GENERAL INFORMATION:  
 ; APPLICANT: McKay, Robert A.  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Nero, Pam  
 ; APPLICANT: Gaarde, William A.  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
 ; FILE REFERENCE: ISPH-0412  
 ; CURRENT FILING NUMBER: US/09/774,809  
 ; PRIOR APPLICATION NUMBER: 09/774,809-102  
 ; PRIOR FILING DATE: 2001-01-31  
 ; NUMBER OF SEQ ID NOS: 165  
 ; SEQ ID NO 102  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: primer\_bind  
 ; LOCATION: 1..21  
 ; OTHER INFORMATION: downstream amplification primer 99-2048 for SEQ 1100, in complemer  
 US-09-422-978-8965  
 Query Match 100.0%; Score 9; DB 4; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 Qy 1 GAGTATGAG 9  
 Db 6 GAGTATGAG 14

RESULT 33  
 ; Sequence 103, Application US/09774809  
 ; Patent No. 6809193  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hartman, Jacob R.; Oppenheim, Amos B.; Gorecki, Rachel  
 ; APPLICANT: Haim-Oren, Marjan Aviv  
 ; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING  
 ; A MIXTURE OF HUMAN CUZN SUPEROXIDE DISMUTASE ANALOGS  
 ; NUMBER OF SEQUENCES: 30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/933,500

; FILING DATE: 21-AUG-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 449,125  
 ; FILING DATE: 08-DEC-1989  
 ; APPLICATION NUMBER: 203,238  
 ; FILING DATE: 03-JUN-1988  
 ; APPLICATION NUMBER: 897,056  
 ; FILING DATE: 14-AUG-1985  
 ; APPLICATION NUMBER: 644,245  
 ; FILING DATE: 27-AUG-1984  
 ; SEQ ID NO: 26  
 ; LENGTH: 21  
 5455029-26

Query Match 100.0%; Score 9; DB 6; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 6 GAGTATGAG 14

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RESULT 33  
 5455029-26

; Patent No. 5455029  
 ; APPLICANT: HARTMAN, JACOB R.; OPPENHEIM, AMOS B.; GORECKI, MARIAN; AVIV, HAIM; OREN, RACHEL  
 ; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING A MIXTURE OF HUMAN CUZIN SUPEROXIDE DISMUTASE ANALOGS  
 ; NUMBER OF SEQUENCES: 30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/07/933,500  
 ; FILING DATE: 21-AUG-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 449,125  
 ; FILING DATE: 08-DEC-1989  
 ; APPLICATION NUMBER: 203,238  
 ; FILING DATE: 03-JUN-1988  
 ; APPLICATION NUMBER: 897,056  
 ; FILING DATE: 14-AUG-1985  
 ; APPLICATION NUMBER: 767,143  
 ; FILING DATE: 19-AUG-1985  
 ; APPLICATION NUMBER: 644,245  
 ; FILING DATE: 27-AUG-1984  
 ; SEQ ID NO: 26  
 ; LENGTH: 21  
 5455029-26

Query Match 100.0%; Score 9; DB 6; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 5.7e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 6 GAGTATGAG 14

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RESULT 35  
 US-09-245-248B-23

; Sequence 23, Application US/09245248B  
 ; Patent No. 6395472

; GENERAL INFORMATION:  
 ; APPLICANT: Abbott Laboratories  
 ; APPLICANT: Leary, Thomas  
 ; APPLICANT: Erker, James  
 ; APPLICANT: Chalmers, Michelle  
 ; APPLICANT: Simons, John  
 ; APPLICANT: Birkenmeyer, Larry  
 ; APPLICANT: Muerhoff, Scott  
 ; APPLICANT: Pilot-Matias, Tam  
 ; APPLICANT: Desai, Suresh  
 ; APPLICANT: Mushahwar, Isa  
 ; TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS  
 ; FILE REFERENCE: 6461.US.01  
 ; CURRENT APPLICATION NUMBER: US/09/245,248B  
 ; CURRENT FILING DATE: 1999-02-05  
 ; NUMBER OF SEQ ID NOS: 71  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 23  
 ; LENGTH: 24  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 ; FEATURE:  
 ; NAME/KEY: primer\_bind  
 ; LOCATION: (0 .. 70)  
 ; OTHER INFORMATION: DFGH1-S1 primer

Query Match 100.0%; Score 9; DB 3; Length 24;  
 Best Local Similarity 100.0%; Pred. No. 5.8e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy \* 1 GAGTATGAG 9  
 Db 11 GAGTATGAG 19

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RESULT 36  
 US-09-245-248B-23

; Sequence 23, Application US/09245248B  
 ; Patent No. 6395472

; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: PEPP, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wansheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYO-SIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEONICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 29  
 ; SOFTWARE: PatentIn Ver. 2.0

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5680
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5680

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 16 GAGTATGAG 24

RESULT 38
US-09-866-108A-5681
; sequence 5681, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/235,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5681
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-5681

Query Match 100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 16 GAGTATGAG 24

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Db      15 GAGTATGAG 23
RESULT 39 ; Sequence 5682, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: PANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO: 5683
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-5683

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Search completed: March 22, 2005, 10:49:01
; Job time : 82 secs

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Db      13 GAGTATGAG 21

; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO: 5682
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-5682

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; Search completed: March 22, 2005, 10:49:01
; Job time : 82 secs

RESULT 40 ; Sequence 5683, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: PANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866108A

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## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 319.875 Seconds

(without alignments)  
 167.500 Million cell updates/sec

Title: US-09-540-843-1

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Total number of hits satisfying chosen parameters:

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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2	9 100.0	9 14	US-10-122-633-1	Sequence 2, Appli
c 3	9 100.0	10 19	US-10-818-158-2	Sequence 15, Appli
c 4	9 100.0	12 15	US-10-150-779A-15	Sequence 16, Appli
c 5	9 100.0	12 15	US-10-150-779A-16	Sequence 305165,
c 6	9 100.0	12 18	US-10-257-017B-105165	Sequence 30611,
c 7	9 100.0	12 18	US-10-257-017B-306811	Sequence 81,
c 8	9 100.0	12 18	US-10-257-017B-306812	Sequence 321106,
c 9	9 100.0	12 18	US-10-257-017B-321106	Sequence 3266072,
c 10	9 100.0	12 18	US-10-257-017B-326072	Sequence 3479390,
c 11	9 100.0	12 18	US-10-257-017B-347902	Sequence 102, App

9 100.0	12	US-10-257-017B-30005	Sequence 30005, A
9 100.0	13	US-10-257-017B-30006	Sequence 37157, A
9 100.0	13	US-10-257-017B-31757	Sequence 37158, A
9 100.0	13	US-10-257-017B-41315	Sequence 41315, A
9 100.0	13	US-10-257-017B-41316	Sequence 41316, A
9 100.0	13	US-10-257-017B-48109	Sequence 48109, A
9 100.0	13	US-10-257-017B-48110	Sequence 48110, A
9 100.0	13	US-10-257-017B-51877	Sequence 51877, A
9 100.0	13	US-10-257-017B-51878	Sequence 51878, A
9 100.0	13	US-10-257-017B-51881	Sequence 51881, A
9 100.0	13	US-10-257-017B-51882	Sequence 51882, A
9 100.0	13	US-10-257-017B-58847	Sequence 78847, A
9 100.0	13	US-10-257-017B-58848	Sequence 99307, A
9 100.0	13	US-10-257-017B-9307	Sequence 99308, A
9 100.0	13	US-10-257-017B-99308	Sequence 109005,
9 100.0	13	US-10-257-017B-109006	Sequence 115707,
9 100.0	13	US-10-257-017B-115708	Sequence 115708,
9 100.0	13	US-10-257-017B-117597	Sequence 117597,
9 100.0	13	US-10-257-017B-117598	Sequence 117598,
9 100.0	13	US-10-257-017B-120569	Sequence 120569,
9 100.0	13	US-10-257-017B-120570	Sequence 120570,
9 100.0	13	US-10-257-017B-120573	Sequence 120573,
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9 100.0	13	US-10-257-017B-148814	Sequence 148814,
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9 100.0	13	US-10-257-017B-156044	Sequence 156044,
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9 100.0	13	US-10-257-017B-195897	Sequence 195897,
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9 100.0	13	US-10-257-017B-211420	Sequence 211420,
9 100.0	13	US-10-257-017B-233743	Sequence 233743,
9 100.0	13	US-10-257-017B-233744	Sequence 233744,
9 100.0	13	US-10-257-017B-247783	Sequence 247783,
9 100.0	13	US-10-257-017B-247784	Sequence 247784,
9 100.0	13	US-10-257-017B-249857	Sequence 249857,
9 100.0	13	US-10-257-017B-249858	Sequence 249858,
9 100.0	16	US-10-872-106-4	Sequence 4, Appl1
9 100.0	16	US-10-872-106-7	Sequence 7, Appl1
9 100.0	17	US-09-866-108-2150	Sequence 2750, AP
9 100.0	17	US-09-866-108-2151	Sequence 2751, AP
9 100.0	17	US-09-866-108-2152	Sequence 2752, AP
9 100.0	17	US-09-866-108-2153	Sequence 2753, AP
9 100.0	17	US-09-866-108-2154	Sequence 2754, AP
9 100.0	17	US-09-866-108-2155	Sequence 2755, AP
9 100.0	17	US-10-723-361-2750	Sequence 2756, AP
9 100.0	17	US-10-723-361-2751	Sequence 2757, AP
9 100.0	17	US-10-723-361-2752	Sequence 2758, AP
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9 100.0	17	US-10-723-361-2754	Sequence 2754, AP
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9 100.0	17	US-10-723-361-2756	Sequence 2756, AP
9 100.0	17	US-10-723-361-2757	Sequence 2757, AP
9 100.0	17	US-10-723-361-2758	Sequence 2758, AP
9 100.0	18	US-09-853-895-1	Sequence 1, Appli
9 100.0	18	US-10-872-106-5	Sequence 5, Appli
9 100.0	18	US-10-872-106-6	Sequence 6, Appli
9 100.0	18	US-10-872-106-8	Sequence 8, Appli
9 100.0	18	US-10-872-106-9	Sequence 9, Appli
9 100.0	19	US-10-205-309-181	Sequence 181, APP
9 100.0	19	US-10-205-309-181	Sequence 506, APP
9 100.0	20	US-03-774-809-101	Sequence 101, APP
9 100.0	20	US-09-774-809-102	Sequence 102, APP

**RESULT 1**  
 US-10-122-630-1  
 ; Sequence 1, Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; Oligonucleotides  
 ; FILE REFERENCE: 0054-1088-018  
 ; CURRENT APPLICATION NUMBER: US/10122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 09/048,927  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment

Query Match Score 9; DB 14; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.5e+08;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 1 GAGTATGAG 9

---

**RESULT 2**  
 US-10-122-633-1  
 ; Sequence 1, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; Oligonucleotides  
 ; FILE REFERENCE: 0054-1088-018  
 ; CURRENT APPLICATION NUMBER: US/10122,633  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment

Query Match Score 9; DB 14; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.5e+08;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 1 GAGTATGAG 9

---

**RESULT 3**  
 US-10-818-158-2/C  
 ; Sequence 2, Application US/10818158  
 ; Publication No. US20050020526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: CHEN, YIN KING  
 ; APPLICANT: TAN, XIN XING  
 ; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND  
 ; TREATMENT OF SEPSIS  
 ; FILE REFERENCE: IRYA, 025-C-CIP  
 ; CURRENT APPLICATION NUMBER: US/10/818,158  
 ; CURRENT FILING DATE: 2004-04-05  
 ; PRIOR APPLICATION NUMBER: 10/743,956  
 ; PRIOR FILING DATE: 2003-12-23  
 ; PRIOR APPLICATION NUMBER: 10/453,410  
 ; PRIOR FILING DATE: 2003-06-03  
 ; NUMBER OF SEQ ID NOS: 7  
 ; SOFTWARE: PatentIn Ver. 3.2  
 ; SEQ ID NO: 2  
 ; LENGTH: 10  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: oligonucleotide

Query Match Score 9; DB 14; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.5e+08;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 1 GAGTATGAG 9

---

**RESULT 4**  
 US-10-150-779A-15/C  
 ; Sequence 15, Application US/10150779A  
 ; Publication No. US20030125241A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: WISSENBACH, MARGIT  
 ; APPLICANT: KOCH, TROELS  
 ; APPLICANT: ORUM, HENRICK  
 ; APPLICANT: HANSBN, BO  
 ; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN  
 ; INFECTIOUS DISEASES

Query Match Score 9; DB 19; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 2.0e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 9 GAGTATGAG 1

```

; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR FILING DATE: 60/291,830
; NUMBER OF SEQ ID NOS: 16
; SEQ ID NO: 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; N mismatches 0; I mismatches 0;

Qy 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 5
US-10-150-779A-16/c

; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; TITLE OF INVENTION: INFECTIOUS DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR FILING DATE: 60/291,830
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; N mismatches 0; I mismatches 0;

Qy 1 GAGTATGAG 9
Db 12 GAGTATGAG 4

RESULT 6
US-10-257-017B-305165

; Sequence 305165, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; SEQ ID NO: 306812
; LENGTH: 12
; TYPE: DNA

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; N mismatches 0; I mismatches 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9
Db 2 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 7
US-10-257-017B-306811

; Sequence 306811, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; SEQ ID NO: 306811
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306811

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; N mismatches 0; I mismatches 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9
Db 2 GAGTATGAG 9
Db 3 GAGTATGAG 11

RESULT 8
US-10-257-017B-306812

; Sequence 306812, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; SEQ ID NO: 306812
; LENGTH: 12
; TYPE: DNA

Query Match 100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; N mismatches 0; I mismatches 0;

Qy 1 GAGTATGAG 9
Db 1 GAGTATGAG 9
Db 2 GAGTATGAG 9
Db 3 GAGTATGAG 11

```

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179  
US-10-257-017B-306812

Query Match Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 3 GAGTATGAG 11

RESULT 9  
US-10-257-017B-321106  
; Sequence 321106, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; SEQ ID NO: 347990  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0045390  
US-10-257-017B-347990

Query Match Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 10 GAGTATGAG 2

RESULT 12  
US-10-257-017B-30005  
; Sequence 30005, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; SEQ ID NO: 30005  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039  
US-10-257-017B-30005

Query Match Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 4 GAGTATGAG 12

RESULT 10  
US-10-257-017B-326072  
; Sequence 326072, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 326072  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032886  
US-10-257-017B-326072

Query Match Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;

RESULT 13  
US-10-257-017B-30006/c  
Sequence 30006, Application US/10257017B  
/ Publication No. US20040241651A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Alexander Olek  
/ APPLICANT: Christian Piepenbrock  
/ APPLICANT: Kurt Berlin  
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
/ TITLE OF INVENTION: methylation  
/ FILE REFERENCE: E01/1193/WO  
/ CURRENT APPLICATION NUMBER: US/10/257,017B  
/ CURRENT FILING DATE: 2002-10-07  
/ PRIOR APPLICATION NUMBER: DE 10019173.8  
/ PRIOR FILING DATE: 2000-04-07  
/ SEQ ID NO 30006  
/ NUMBER OF SEQ ID NOS: 382046  
/ LENGTH: 13  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603  
US-10-257-017B-30006

Qy	1 GAGTATGAG 9	1 GAGTATGAG 9
Db	11 GAGTATGAG 3	11 GAGTATGAG 3

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14  
US-10-257-017B-37157  
Sequence 37157, Application US/10257017B  
/ Publication No. US20040241651A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Alexander Olek  
/ APPLICANT: Christian Piepenbrock  
/ APPLICANT: Kurt Berlin  
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
/ TITLE OF INVENTION: methylation  
/ FILE REFERENCE: E01/1193/WO  
/ CURRENT APPLICATION NUMBER: US/10/257,017B  
/ CURRENT FILING DATE: 2002-10-07  
/ PRIOR APPLICATION NUMBER: DE 10019173.8  
/ PRIOR FILING DATE: 2000-04-07  
/ SEQ ID NO 37157  
/ NUMBER OF SEQ ID NOS: 382046  
/ LENGTH: 13  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603  
US-10-257-017B-37157

Qy	1 GAGTATGAG 9	1 GAGTATGAG 9
Db	5 GAGTATGAG 13	5 GAGTATGAG 13

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 15  
US-10-257-017B-37158/c  
Sequence 37158, Application US/10257017B  
/ Publication No. US20040241651A1  
/ GENERAL INFORMATION:  
/ APPLICANT: Alexander Olek  
/ APPLICANT: Christian Piepenbrock

PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750  
US-10-257-017B-48116

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 9 GAGTATGAG 1

RESULT 18  
US-10-257-017B-48109, Application US/10257017B  
; Sequence 48109, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750  
US-10-257-017B-48109

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 5 GAGTATGAG 13

RESULT 19  
US-11-257-017B-48110/c  
; Sequence 48110, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 48110  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452  
US-10-257-017B-518778

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
Db 3 GAGTATGAG 11

RESULT 20  
US-10-257-017B-51877  
; Sequence 51877, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 51877  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452  
US-10-257-017B-518778

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 GAGTATGAG 9
Db      11 GAGTATGAG 3
RESULT 22
US-10-257-017B-51881
; Sequence 51881, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: B01/1193/AO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51881

Qy      1 GAGTATGAG 9
Db      3 GAGTATGAG 11
Length: 13
Score: 9; DB: 18; Length: 13;
Pred. No. 2.6e+04;
Mismatches: 0; Indels: 0; Gaps: 0;

Query Match      100.0%; Score: 9; DB: 18; Length: 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      3 GAGTATGAG 11
Length: 13
Score: 9; DB: 18; Length: 13;
Pred. No. 2.6e+04;
Mismatches: 0; Indels: 0; Gaps: 0;

Query Match      100.0%; Score: 9; DB: 18; Length: 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GAGTATGAG 9
Db      11 GAGTATGAG 3
Length: 13
Score: 9; DB: 18; Length: 13;
Pred. No. 2.6e+04;
Mismatches: 0; Indels: 0; Gaps: 0;

RESULT 23
US-10-257-017B-51882/C
; Sequence 51882, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: B01/1193/AO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452
US-10-257-017B-51882

Qy      1 GAGTATGAG 9
Db      9 GAGTATGAG 11
Length: 13
Score: 9; DB: 18; Length: 13;
Pred. No. 2.6e+04;
Mismatches: 0; Indels: 0; Gaps 0;

```

RESULT 27  
 ; TITLE OF INVENTION: methylations  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 939307  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674  
 ; US-10-257-017B-99307

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 3 GAGTATGAG 11

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RESULT 28  
 ; TITLE OF INVENTION: methylations  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 939308  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0024674  
 ; US-10-257-017B-99307

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 11 GAGTATGAG 3

---

RESULT 29  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 109005  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285  
 ; US-10-257-017B-109005

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 2 GAGTATGAG 10

---

RESULT 30  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 109006  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285  
 ; US-10-257-017B-109006

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 12 GAGTATGAG 4

---

RESULT 31  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 115707  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004  
 ; US-10-257-017B-115707

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9  
 Db 13 GAGTATGAG 5

```

Query Match      100.0%;  Score 9;  DB 18;  Length 13;
Best Local Similarity 100.0%;  Pred. No. 2.6e+04;
Matches 9;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 GAGTATGAG 9
Db    3 GAGTATGAG 11

RESULT 31
US-10-257-017B-115708/C
; Sequence 115708, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
;   APPLICANT: Alexander Olek
;   APPLICANT: Christian Piepenbrock
;   APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;   TITL OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; CURRENT APPLICATION NUMBER: US/10/257,017B
; FILE REFERENCE: E01/1193/WO
; PRIORITY NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 115708
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004
US-10-257-017B-115708

Query Match      100.0%;  Score 9;  DB 18;  Length 13;
Best Local Similarity 100.0%;  Pred. No. 2.6e+04;
Matches 9;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 GAGTATGAG 9
Db    3 GAGTATGAG 11

RESULT 32
US-10-257-017B-117597
; Sequence 117597, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
;   APPLICANT: Alexander Olek
;   APPLICANT: Christian Piepenbrock
;   APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
;   TITL OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; CURRENT APPLICATION NUMBER: US/10/257,017B
; FILE REFERENCE: E01/1193/WO
; PRIORITY NUMBER: DE 10019173.8
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 117597
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029403
US-10-257-017B-117597

Query Match      100.0%;  Score 9;  DB 18;  Length 13;
Best Local Similarity 100.0%;  Pred. No. 2.6e+04;
Matches 9;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 GAGTATGAG 9
Db    3 GAGTATGAG 11

```

GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 120570  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082  
US-10-257-017B-120570

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 36  
US-10-257-017B-120573  
; Sequence 120573, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 120573  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082  
US-10-257-017B-120573

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 37  
US-10-257-017B-120574/C  
; Sequence 120574, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO

GENERAL INFORMATION:  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 120574  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030082  
US-10-257-017B-120574

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 38  
US-10-257-017B-148813  
; Sequence 148813, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 148813  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562  
US-10-257-017B-148813

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 2.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 39  
US-10-257-017B-148814/C  
; Sequence 148814, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 148814  
; LENGTH: 13

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148814

Query Match Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

```

```

RESULT 40
US-10-257-017B-156043
; Sequence 15643, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/R0
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DB 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 156043
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0039372
US-10-257-017B-156043

Query Match Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 4 GAGTATGAG 12

```

Search completed: March 22, 2005, 19:09:27  
Job time : 325.875 SECs

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OM nucleic - nucleic search, using bw model

Run on: March 22, 2005, 04:59:11 ; Search time 78 Seconds

(without alignments)  
188.801 Million cell updates/sec

Title: US-09-540-843-2  
Perfect score: 9  
Sequence: 1 taggaggat 9

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters:

1407054

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing First 100 summaries  
Minimum DB seq length: 0  
Maximum DB seq length: 200

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing First 100 summaries

Database : Issued\_Patents\_NA.\*

1: /cgn2\_6/\_pctodata/1/ina/5A\_COMB.seq.\*  
2: /cgn2\_6/\_pctodata/1/ina/5B\_COMB.seq.\*  
3: /cgn2\_6/\_pctodata/1/ina/6A\_COMB.seq.\*  
4: /cgn2\_6/\_pctodata/1/ina/6B\_COMB.seq.\*  
5: /cgn2\_6/\_pctodata/1/ina/PECTUS\_COMB.seq.\*  
6: /cgn2\_6/\_pctodata/1/ina/backfile1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

\* Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB	ID	Description
1	9	100 0	9	3	US-09-048-027-2	Sequence 2, Appli	Sequence 21693, A
c 2	9	100 0	19	4	US-09-398-522-22	Sequence 22, Appli	Sequence 18454, A
c 3	9	100 0	19	4	US-09-398-522-76	Sequence 76, Appli	Sequence 26876, A
c 4	9	100 0	20	3	US-09-096-072-6	Sequence 6, Appli	Sequence 19393, A
c 5	9	100 0	20	4	US-09-422-978-6304	Sequence 6304, Ap	Sequence 11, Appli
c 6	9	100 0	21	4	US-09-122-978-9775	Sequence 9775, Ap	Sequence 18039, A
c 7	9	100 0	21	4	US-09-816-814-13	Sequence 13, Appli	Sequence 21011, A
c 8	9	100 0	22	3	US-09-240-018-9	Sequence 9, Appli	Sequence 18115, A
c 9	9	100 0	24	3	US-09-016-050A-15	Sequence 15, Appli	Sequence 26741, A
c 10	9	100 0	24	3	US-09-664-000-15	Sequence 15, Appli	Sequence 34611, A
c 11	9	100 0	24	3	US-09-665-209-15	Sequence 15, Appli	Sequence 12211, A
c 12	9	100 0	24	3	US-09-161-569-15	Sequence 15, Appli	Sequence 16047, A
c 13	9	100 0	25	4	US-09-980-077-13	Sequence 13, Appli	Sequence 28514, A
c 14	9	100 0	25	4	US-09-396-196G-27690	Sequence 27690, A	Sequence 15079, A
c 15	9	100 0	25	4	US-09-396-196G-27691	Sequence 27691, A	Sequence 1, Appli
c 16	9	100 0	25	4	US-09-396-196G-53922	Sequence 53922, A	Sequence 9565, Ap
c 17	9	100 0	25	4	US-09-396-196G-92449	Sequence 92449, A	Sequence 36598, A
c 18	9	100 0	25	4	US-09-196-196G-94038	Sequence 94038, A	Sequence 5475, Ap
c 19	9	100 0	25	4	US-09-396-196G-98060	Sequence 98060, A	Sequence 7000, Ap
c 20	9	100 0	25	4	US-09-396-196G-98061	Sequence 98061, A	Sequence 1, Appli
c 21	9	100 0	25	4	US-09-196-108085	Sequence 108085,	Sequence 337, App
c 22	9	100 0	25	4	US-09-396-196G-108086	Sequence 108086,	Sequence 3032, Ap
c 23	9	100 0	25	4	US-09-396-196G-116193	Sequence 116193,	Sequence 29619, A
c 24	9	100 0	25	4	US-09-396-196G-116194	Sequence 116194,	Sequence 15944, A
c 25	9	100 0	25	4	US-09-396-196G-120708	Sequence 120708,	Sequence 12233, A
c 26	9	100 0	25	4	US-09-396-196G-120728	Sequence 120728,	Sequence 32704, A
c 27	9	100 0	25	4	US-09-396-196G-120729	Sequence 120729,	Sequence 15, App

**RESULT 3**  
 US-09-398-522-76  
 Sequence 76, Application US/09398522  
 Patent No. 678393  
 GENERAL INFORMATION:  
 APPLICANT: Issa, Jean-Pierre  
 TITLE OF INVENTION: CACNA1G POLYNUCLEOTIDE POLYPEPTIDE AND METHODS OF USE THEREFOR  
 FILE REFERENCE: JHU1590  
 CURRENT APPLICATION NUMBER: US/09/398,522  
 CURRENT FILING DATE: 1999-09-15  
 NUMBER OF SEQ ID NOS: 120  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 76  
 LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Target sequence for bisulfite-PCR primer  
 NAME/KEY: misc\_feature  
 LOCATION: (0)...(0)  
 OTHER INFORMATION: Y = C or T  
 US-09-398-522-76

Qy 1 TAGGAGAT 9  
 Db 3 TAGGAGAT 11

**RESULT 4**  
 US-09-096-172-6  
 Sequence 6, Application US/09096172  
 Patent No. 6284252  
 GENERAL INFORMATION:  
 APPLICANT: MEEITALI, Majid  
 TITLE OF INVENTION: NEW TRANSDOMINANT TAT VARIANTS OF THE HUMAN IMMUNODEFICIENCY VIRUS  
 NUMBER OF SEQUENCES: 7  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Burns, Doane, Swecker & Mathis  
 STREET: P.O. Box 1404  
 CITY: Alexandria  
 STATE: Virginia  
 COUNTRY: United States  
 ZIP: 22313-1404  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0,  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,172  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/177,145  
 FILING DATE: 04-JAN-1994  
 APPLICATION NUMBER: FR 93 00004  
 FILING DATE: 04-JAN-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Crane-Peury, Sharon E  
 REGISTRATION NUMBER: 36,113  
 REFERENCE/DOCKET NUMBER: 017753-040  
 TELECOMMUNICATION: (703) 836-6220  
 TELEFAX: (703) 836-2021

Qy 1 TAGGAGAT 9  
 Db 17 TAGGAGAT 9

**RESULT 1**  
 US-09-048-927-2 Application US/09048927  
 Sequence 2, Application US/09048927  
 Patent No. 6147056  
 GENERAL INFORMATION:  
 APPLICANT: Gilchrist, Barbara A.  
 APPLICANT: Year, Mina  
 APPLICANT: Eller, Mark  
 FILE REFERENCE: BU94-8A2  
 CURRENT APPLICATION NUMBER: US/09/048,927  
 CURRENT FILING DATE: 1998-03-26  
 EARLIER APPLICATION NUMBER: 08/952,697  
 EARLIER FILING DATE: 1996-06-03  
 EARLIER APPLICATION NUMBER: 08/467,012  
 EARLIER FILING DATE: 1995-06-06  
 NUMBER OF SEQ ID NOS: 4  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO 2  
 LENGTH: 9  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: DNA Fragment  
 US-09-048-927-2

Query Match Score 9; DB 3; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.8e+08;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

**RESULT 2**  
 US-09-398-522-22/c  
 Sequence 22, Application US/09398522  
 Patent No. 6783933  
 GENERAL INFORMATION:  
 APPLICANT: Issa, Jean-Pierre  
 TITLE OF INVENTION: CACNA1G POLYNUCLEOTIDE POLYPEPTIDE AND METHODS OF USE THEREFOR  
 FILE REFERENCE: JHU1590  
 CURRENT APPLICATION NUMBER: US/09/398,522  
 CURRENT FILING DATE: 1999-09-15  
 NUMBER OF SEQ ID NOS: 120  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 22  
 LENGTH: 19  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Bisulfite-PCR primer  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (0)...(0)  
 OTHER INFORMATION: r = G or A  
 US-09-398-522-22

Query Match Score 9; DB 4; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 9.8e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

INFORMATION FOR SEQ ID NO: 6:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 20 base Pairs  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / MOLECULE TYPE: DNA (genomic)  
 / HYPOTHETICAL: NO  
 / ANTI-SENSE: YES  
 / ORIGINAL SOURCE:  
 / INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT  
 / INDIVIDUAL ISOLATE: 45file to Ser)  
 US-09-096-172-6

Query Match 100.0%; Score 9; DB 3; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 9.8e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 TAGGAGAT 9  
 Db 5 TAGGAGAT 13

## RESULT 5

US-09-422-978-6304/C

/ Sequence 6304, Application US/09422978

/ Patent No. 6537751

## GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ ATTORNEY: Blumenfeld, Marta

/ ATTORNEY: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ PBLB REFERENCE: GENSET.020CP1

/ CURRENT APPLICATION NUMBER: US 09/422,978

/ CURRENT FILING DATE: 1999-10-20

/ EARLIER APPLICATION NUMBER: US 09/298,850

/ EARLIER FILING DATE: 1999-04-21

/ EARLIER APPLICATION NUMBER: US 60/109,732

/ EARLIER FILING DATE: 1998-11-23

/ EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ LENGTH: 20

/ TYPE: DNA

/ FEATURE: Homo Sapiens

/ FEATURE: primer\_bind

/ NAME/KEY: primer\_bind

/ LOCATION: 1..20

/ OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,

US-09-422-978-6304

/ APPLICANT: Cohen, Daniel

/ ATTORNEY: Blumenfeld, Marta

/ ATTORNEY: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ PBLB REFERENCE: GENSET.020CP1

/ CURRENT APPLICATION NUMBER: US 09/422,975

/ CURRENT FILING DATE: 1999-10-20

/ PRIOR APPLICATION NUMBER: 60/108,183

/ PRIOR FILING DATE: 1998-11-12

/ SOFTWARE: Patentin Ver. 2.0

/ SEQ ID NO: 9

/ LENGTH: 22

## RESULT 7

US-09-816-814-13/C

/ Sequence 6304, Application US/09816814

/ Patent No. 6818406

## GENERAL INFORMATION:

/ APPLICANT: Gorony, Jorg J.

/ ATTORNEY: Weyand, Cornelia M.

/ TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS

/ FILE REFERENCE: 07039-251001

/ CURRENT APPLICATION NUMBER: US/09/816,814

/ CURRENT FILING DATE: 2001-03-23

/ NUMBER OF SEQ ID NOS: 23

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO: 13

/ LENGTH: 21

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: primer for PCR

US-09-816-814-13

/ APPLICANT: Gruenert, Dieter C.

/ ATTORNEY: Xu, Zhidong

/ TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING

/ FILE REFERENCE: 480 85.1 (HV)

/ CURRENT APPLICATION NUMBER: US/09/240,918

/ CURRENT FILING DATE: 1999-01-29

/ PRIOR APPLICATION NUMBER: 60/108,183

/ PRIOR FILING DATE: 1998-11-12

/ SOFTWARE: Patentin Ver. 2.0

/ SEQ ID NO: 9

/ LENGTH: 22

## RESULT 8

US-09-240-918-9

/ Sequence 9, Application US/09240918

/ Patent No. 6265155

/ GENERAL INFORMATION:

/ APPLICANT: Gruenert, Dieter C.

/ ATTORNEY: Xu, Zhidong

/ TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING

/ FILE REFERENCE: 480 85.1 (HV)

/ CURRENT APPLICATION NUMBER: US/09/240,918

/ CURRENT FILING DATE: 1999-01-29

/ PRIOR APPLICATION NUMBER: 60/108,183

/ PRIOR FILING DATE: 1998-11-12

/ SOFTWARE: Patentin Ver. 2.0

/ SEQ ID NO: 9

/ LENGTH: 22

## RESULT 6

US-09-422-978-9775/C

/ Sequence 9775, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ ATTORNEY: Blumenfeld, Marta

/ ATTORNEY: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ PBLB REFERENCE: GENSET.020CP1

/ CURRENT APPLICATION NUMBER: US/09/422,978

/ CURRENT FILING DATE: 1999-10-20

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-240-918-9
Query Match 100.0%; Score 9; DB 3; Length 22;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 9 TAGGAGAT 17
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-665-309-15/c

RESULT 9
; Sequence 15, Application US/09665309
; Patent No. 6232461
; APPLICANT: KIM, Soo Young
; GENERAL INFORMATION:
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/665,309
; CURRENT FILING DATE: 2000-09-19
; PRIORITY APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-665-309-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-661-569-15/c

RESULT 12
; Sequence 15, Application US/09661569
; Patent No. 6245305
; APPLICANT: KIM, Soo Young
; GENERAL INFORMATION:
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/661,569
; CURRENT FILING DATE: 2000-09-14
; PRIORITY APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-661-569-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-661-569-15

RESULT 13
; Sequence 13, Application US/09980777
; Patent No. 6794129
; APPLICANT: TELLIS, Jean-No. 6794129
; GENERAL INFORMATION:
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus &
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 14
; Sequence 14, Application US/09980777
; Patent No. 6794129
; APPLICANT: DESCAMPS, Diane
; GENERAL INFORMATION:
; TITLE OF INVENTION: in a Biological Sample Taken from a Patient
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 15
; Sequence 15, Application US/09980777
; Patent No. 6794129
; APPLICANT: BRUN-VEZINET, Francoise
; GENERAL INFORMATION:
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus &
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 16
; Sequence 16, Application US/09665309
; Patent No. 6232461
; APPLICANT: DESCAMPS, Diane
; GENERAL INFORMATION:
; TITLE OF INVENTION: in a Biological Sample Taken from a Patient
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 17
; Sequence 17, Application US/09980777
; Patent No. 6794129
; APPLICANT: TELLIS, Jean-No. 6794129
; GENERAL INFORMATION:
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus &
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 18
; Sequence 18, Application US/09980777
; Patent No. 6794129
; APPLICANT: BRUN-VEZINET, Francoise
; GENERAL INFORMATION:
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus &
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 19
; Sequence 19, Application US/09980777
; Patent No. 6794129
; APPLICANT: DESCAMPS, Diane
; GENERAL INFORMATION:
; TITLE OF INVENTION: in a Biological Sample Taken from a Patient
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 20
; Sequence 20, Application US/09980777
; Patent No. 6794129
; APPLICANT: TELLIS, Jean-No. 6794129
; GENERAL INFORMATION:
; TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus &
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

RESULT 21
; Sequence 21, Application US/09980777
; Patent No. 6794129
; APPLICANT: BRUN-VEZINET, Francoise
; GENERAL INFORMATION:
; TITLE OF INVENTION: in a Biological Sample Taken from a Patient
; FILE REFERENCE: 111380
; CURRENT APPLICATION NUMBER: US/09/380,777
; CURRENT FILING DATE: 2002-02-20
; PRIORITY APPLICATION NUMBER: PCT/FR00/01728
; PRIOR FILING DATE: 2000-06-21
; PRIORITY APPLICATION NUMBER: FR 99/07855
; PRIOR FILING DATE: 1999-06-21

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGAT 9
Db 17 TAGGAGAT 9
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-09-664-800-15

```

```

; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe (position 54)
US-09-980-777-13

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity      100.0%; Pred. No. 9.9e+03;
Matches   9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      1 TAGGAGGAT 4

RESULT 14
US-09-396-196G-27690/c
; Sequence 27690, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
;   APPLICANT: Michael Mittmann
;   APPLICANT: David Mack
;   APPLICANT: David Lockhart
;   ATTORNEY: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIORITY NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27690
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-53922

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity      100.0%; Pred. No. 9.9e+03;
Matches   9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      14 TAGGAGGAT 6

RESULT 15
US-09-396-196G-92449
; Sequence 92449, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
;   APPLICANT: Michael Mittmann
;   APPLICANT: David Mack
;   APPLICANT: David Lockhart
;   ATTORNEY: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIORITY NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92449
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-27690

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity      100.0%; Pred. No. 9.9e+03;
Matches   9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
Db      18 TAGGAGGAT 10

RESULT 15
US-09-396-196G-27691/c
; Sequence 27691, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
;   APPLICANT: Michael Mittmann
;   APPLICANT: David Mack
;   APPLICANT: David Lockhart
;   ATTORNEY: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIORITY NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 27691
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-27691

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity      100.0%; Pred. No. 9.9e+03;
Matches   9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

RESULT 18
US-09-396-196G-94038/C
; Sequence 94038, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIORITY FILING DATE: 1998-09-15
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 98061
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-09-396-196G-98061

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; No. 9.9e+03; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;

Qy   1 TAGGAGGAT 9
Db   10 TAGGAGGAT 2

RESULT 19
US-09-396-196G-98060/C
; Sequence 98060, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIORITY FILING DATE: 1998-09-15
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 98060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-09-396-196G-98060

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; No. 9.9e+03; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;

Qy   1 TAGGAGGAT 9
Db   22 TAGGAGGAT 14

RESULT 20
US-09-396-196G-98061/C
; Sequence 98061, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIORITY FILING DATE: 1998-09-17
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 98060
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-09-396-196G-98060

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; No. 9.9e+03; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;

Qy   1 TAGGAGGAT 9
Db   13 TAGGAGGAT 5

RESULT 21
US-09-396-196G-108085/C
; Sequence 108085, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIORITY FILING DATE: 1998-09-15
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 108085
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-09-396-196G-108085

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; No. 9.9e+03; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;

Qy   1 TAGGAGGAT 9
Db   23 TAGGAGGAT 15

RESULT 22
US-09-396-196G-108086/C
; Sequence 108086, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; PRIORITY FILING DATE: 1998-09-15
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-09-396-196G-108086

Query Match      100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; No. 9.9e+03; Pred. No. 9.9e+03; Mismatches 0; Indels 0; Gaps 0;

Qy   1 TAGGAGGAT 9
Db   23 TAGGAGGAT 15

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; SEQ ID NO: 108086
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TAGGAGGAT 9
Db      11 TAGGAGGAT 3

RESULT 23
US-09-396-196G-116193
; Sequence 116193, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; ATTORNEY: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-05-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 120708
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116193

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TAGGAGGAT 9
Db      11 TAGGAGGAT 3

RESULT 24
US-09-396-196G-116194
; Sequence 116194, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; ATTORNEY: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 116194
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-116194

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TAGGAGGAT 9
Db      13 TAGGAGGAT 5

RESULT 25
US-09-396-196G-120708/C
; Sequence 120708, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; ATTORNEY: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-05-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 120708
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120708

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TAGGAGGAT 9
Db      15 TAGGAGGAT 23

RESULT 26
US-09-396-196G-120728/C
; Sequence 120728, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; ATTORNEY: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 120728
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120728

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 TAGGAGGAT 9
Db      17 TAGGAGGAT 17

RESULT 27
US-09-396-196G-120729/C
; Sequence 120729, Application US/09396196G

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; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 120729
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120729

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 TAGGAGAT 9
Db   12 TAGGAGAT 4

RESULT 28
US-09-396-196G-120730/c
; Sequence 120730, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 120730
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120730

Query Match          100.0%; Score 9; DB 4; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 TAGGAGAT 9
Db   11 TAGGAGAT 3

RESULT 29
US-09-396-196G-120731/c
; Sequence 120731, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 120731
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120731

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US-09-396-196G-120736  
 Query Match Similarity 100.0%; Pred. No. 9.9e+03; Length 25;  
 Best Local Similarity 100.0%; Mismatches 0; Indels 0; Gaps 0;  
 Matches 9; Conservative 0;

Qy 1 TAGGAGGAT 9  
 Db 12 TAGGAGGAT 4

RESULT 32  
 US-09-396-196G-120737/c  
 ; Sequence 120737, Application US/09396196G  
 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann  
 ; APPLICANT: David Mack  
 ; APPLICANT: David Lockhart  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 3101.1  
 ; CURRENT APPLICATION NUMBER: US/09/396,196G  
 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR APPLICATION NUMBER: 60/100,678  
 ; PRIOR FILING DATE: 1998-09-17  
 ; NUMBER OF SEQ ID NOS: 127806  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 120737  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: mus musculus  
 US-09-396-196G-120737  
 Query Match Similarity 100.0%; Pred. No. 9.9e+03; Length 25;  
 Best Local Similarity 100.0%; Mismatches 0; Indels 0; Gaps 0;  
 Matches 9; Conservative 0;

Qy 1 TAGGAGGAT 9  
 Db 11 TAGGAGGAT 3

RESULT 33  
 US-09-396-196G-120738/c  
 ; Sequence 120738, Application US/09396196G  
 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann  
 ; APPLICANT: David Mack  
 ; APPLICANT: David Lockhart  
 ; APPLICANT: Affymetrix, Inc.  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 311.1  
 ; CURRENT APPLICATION NUMBER: US/09/396,196G  
 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR APPLICATION NUMBER: 60/100,678  
 ; NUMBER OF SEQ ID NOS: 127806  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 120738  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: mus musculus  
 US-09-396-196G-120738  
 Query Match Similarity 100.0%; Pred. No. 9.9e+03; Length 25;  
 Best Local Similarity 100.0%; Mismatches 0; Indels 0; Gaps 0;  
 Matches 9; Conservative 0;

Qy 1 TAGGAGGAT 9  
 Db 10 TAGGAGGAT 2

RESULT 34  
 US-09-061-768A-33  
 ; Sequence 33, Application US/09061768A  
 ; Patent No. 6204037  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BRASH, ALAN R.  
 ; APPLICANT: BOEGLIN, WILLIAM B.  
 ; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS  
 ; NUMBER OF SEQUENCES: 36  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: ARLES A. TAYLOR, JR.  
 ; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD  
 ; CITY: DURHAM  
 ; STATE: NORTH CAROLINA  
 ; COUNTRY: USA  
 ; ZIP: 27707  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage  
 ; COMPUTER: IBM PC/XT/AT compatible  
 ; OPERATING SYSTEM: Windows 3.1  
 ; SOFTWARE: WORD PBFECT 6.1 and ASCII  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/061,768A  
 ; FILING DATE: APRIL 16, 1998  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA: NONE  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: ARLES A. TAYLOR, JR.  
 ; REGISTRATION NUMBER: 39,395  
 ; REFERENCE/DOCKET NUMBER: 1242/5  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (919) 493-8000  
 ; TELEFAX: (919) 419-0383  
 ; TELEX:  
 ; INFORMATION FOR SEQ ID NO: 33:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 28 base pairs  
 ; SPSTRANDEDNESS: single  
 ; TOPOLOGY: linear  
 US-09-061-768A-33  
 Query Match Similarity 100.0%; Score 9; DB 3; Length 28;  
 Best Local Similarity 100.0%; Pred. No. 9.3e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 ;  
 Qy 1 TAGGAGGAT 9  
 Db 7 TAGGAGGAT 15

RESULT 35  
 US-09-764-246-33  
 ; Sequence 33, Application US/09764246  
 ; Patent No. 6649355  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BRASH, ALAN R.  
 ; APPLICANT: BOEGLIN, WILLIAM B.  
 ; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS  
 ; NUMBER OF SEQUENCES: 36  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: ARLES A. TAYLOR, JR.  
 ; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD  
 ; CITY: DURHAM  
 ; STATE: NORTH CAROLINA  
 ; COUNTRY: USA  
 ; ZIP: 27707

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage  
 COMPUTER: IBM PC/XT/AT compatible  
 OPERATING SYSTEM: Windows 3.1  
 SOFTWARE: WORD PERFECT 6.1 and ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/764,246  
 FILING DATE: 17-Jan-2001  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: <Unknown>  
 FILING DATE: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: ARLES A. TAYLOR, JR.  
 REGISTRATION NUMBER: 39,395  
 REFERENCE DOCKET NUMBER: 1242/5  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (919) 493-8000  
 TELEFAX: (919) 419-0383  
 TELEX: <Unknown>  
 INFORMATION FOR SEQ ID NO: 33:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 28 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 33:  
 US-09-764-246-33

Query Match 100.0%; Score 9; DB 4; Length 28;  
 Best Local Similarity 100.0%; Pred. No. 9.9e+03;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 7 TAGGAGAT 15

RESULT 36  
 US-09-310-356-20/C  
 Sequence 20, Application US/08310356  
 Patent No. 5648243  
 GENERAL INFORMATION:  
 APPLICANT: Hurwitz, David R  
 APPLICANT: Nathan, Margaret  
 APPLICANT: Shani, Moshe  
 TITLE OF INVENTION: Transgenic Protein Production  
 NUMBER OF SEQUENCES: 36  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Rhone-Poulenc Rorer Legal Department  
 STREET: 500 Arcola Road  
 CITY: Collegeville  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19426  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: Macintosh  
 OPERATING SYSTEM: Macintosh System 7.0  
 SOFTWARE: Microsoft Word Version 5.0 (PatentIn)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/310,356  
 FILING DATE:

CLASSIFICATION: 800  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/07/737,853  
 FILING DATE: 31-JUL-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goodman, Rosanne  
 REGISTRATION NUMBER: 32,534  
 REFERENCE DOCKET NUMBER: A0856  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215) 454-3808  
 ; TELEFAX: (215) 454-3808  
 ; INFORMATION FOR SEQ ID NO: 20:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 29 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-310-356-20

Query Match 100.0%; Score 9; DB 1; Length 29;  
 Best Local Similarity 100.0%; Pred. No. 9.9e+03;  
 Matches 0; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 23 TAGGAGAT 15

RESULT 37  
 US-09-019-793A-105/C  
 Sequence 105, Application US/09019793A  
 Patent No. 6380376  
 GENERAL INFORMATION:  
 APPLICANT: PAUL, Prem  
 APPLICANT: MENG, Xiang-Jin  
 APPLICANT: MOROZOV, Igor  
 APPLICANT: HALBUR, Patrick  
 APPLICANT: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE RESPIRATORY SYNDROME VIRUS (PRRSV)  
 TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE RESPIRATORY SYNDROME VIRUS (PRRSV)  
 CURRENT APPLICATION NUMBER: US/09/019 , 793A  
 CURRENT FILING DATE: 1998-02-06  
 FILE REFERENCE: 4625-0039-5EX CIP  
 CURRENT APPLICATION NUMBER: US/09/019 , 793A  
 PRIORITY FILING DATE: 1995-06-07  
 PRIORITY APPLICATION NUMBER: 08/301,435  
 PRIORITY FILING DATE: 1994-09-01  
 PRIORITY APPLICATION NUMBER: 08/131,625  
 PRIORITY FILING DATE: 1993-10-05  
 PRIORITY APPLICATION NUMBER: 08/478,316  
 PRIORITY FILING DATE: 1992-10-30  
 NUMBER OF SEQ ID NOS: 108  
 SEQ ID NO 105  
 LENGTH: 30  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
 US-09-019-793A-105

Query Match 100.0%; Score 9; DB 3; Length 30;  
 Best Local Similarity 100.0%; Pred. No. 1e-04;  
 Matches 0; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 15 TAGGAGAT 7

RESULT 38  
 US-09-601-326-43/C  
 Sequence 43, Application US/09601326  
 Patent No. 6773908  
 GENERAL INFORMATION:  
 APPLICANT: PAUL DR, PREM S  
 APPLICANT: ZHANG, YANJIN  
 TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE RESPIRATORY SYNDROME VIRUS (PRRSV)  
 CURRENT APPLICATION NUMBER: US/09/601,326  
 CURRENT FILING DATE: 2000-09-25  
 PRIORITY APPLICATION NUMBER: PCT/US99/02630  
 PRIORITY FILING DATE: 1999-04-19

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; PRIOR APPLICATION NUMBER: US 09/019,793
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: US 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: US 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: US 07/969,071
; SEQ ID NO 43
; LENGTH: 30
; TYPE: DNA
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
us-09-601-326-43

Query Match 100.0%; Score 9; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9
Db 15 TAGGAGAT 7

RESULT 39
US-01-189-256A-46/c
; Sequence 46, Application US/08189256A
; Patent No. 5877402
GENERAL INFORMATION:
APPLICANT: Maliga, Pal
APPLICANT: Svab, Zora
APPLICANT: Staub, Jeffrey V.
APPLICANT: Zoubenko, Oleg V.
APPLICANT: Allison, Lori A.
APPLICANT: Carrer, Helaine
APPLICANT: Kanevski, Ivan
TITLE OF INVENTION: DNA Constructs and Methods for Stably
Transforming Plastids of Multicellular Plants and
Prokaryotic Cells Therein
NUMBER OF SEQUENCES: 47
TITLE OF INVENTION: DNA Constructs and Methods for Stably
Transforming Plastids of Multicellular Plants and
Prokaryotic Cells Therein
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/189,256A
FILING DATE: 31-JAN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/111,398
FILING DATE: 25-AUG-1993
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-0044
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-189-256A-46

Query Match 100.0%; Score 9; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 1e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9
Db 27 TAGGAGAT 19

RESULT 40
US-09-193-853-46/c
; Sequence 46, Application US/09193853
; Patent No. 6388168
GENERAL INFORMATION:
APPLICANT: Maliga, Pal
APPLICANT: Svab, Zora
APPLICANT: Staub, Jeffrey V.
APPLICANT: Zoubenko, Oleg V.
APPLICANT: Allison, Lori A.
APPLICANT: Carrer, Helaine
APPLICANT: Kanevski, Ivan
TITLE OF INVENTION: DNA Constructs and Methods for Stably
Transforming Plastids of Multicellular Plants and
Prokaryotic Cells Therein
NUMBER OF SEQUENCES: 47
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/193,853
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/189,256
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,2552
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-0044
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

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US-09-193-853-46  
Query Match Similarity 100.0%; Score 9; DB 3; Length 33;  
Best Local Similarity 100.0%; Pred. No. 1e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 TAGGAGGAT 9  
Db 27 TAGGAGGAT 19

Search completed: March 22, 2005, 10:49:05  
Job time : 82 secs

GenCore version 5.1.6  
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## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 319.875 Seconds

(without alignments)

167.500 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 tagggat 9

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqs, 297661598 residues

Total number of hits satisfying chosen parameters:

5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Published Applications\_NA:\*

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2: /cgns\_6/\_ptodata/2/\_pubpna/\_pctn.\_new\_pub\_seq:\*

3: /cgns\_6/\_ptodata/2/\_pubpna/\_us06\_new\_pub\_seq:\*

4: /cgns\_6/\_ptodata/2/\_pubpna/\_us07\_new\_pub\_seq:\*

5: /cgns\_6/\_ptodata/2/\_pubpna/\_us07\_new\_pub\_seq:\*

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11: /cgns\_6/\_ptodata/2/\_pubpna/\_us09c\_pubtomb\_seq:\*

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21: /cgns\_6/\_ptodata/2/\_pubpna/\_us66\_new\_pub\_seq:\*

22: /cgns\_6/\_ptodata/2/\_pubpna/\_us66\_pubtomb\_seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
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3	9	100.0	10 16	US-10-223-765-002
4	9	100.0	12 18	US-10-257-017B-273134
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c 6	9	100.0	12 18	US-10-257-017B-283661
c 7	9	100.0	12 18	US-10-257-017B-286795
c 8	9	100.0	12 18	US-10-257-017B-295564
c 9	9	100.0	12 18	US-10-257-017B-299027
c 10	9	100.0	12 18	US-10-257-017B-306420
c 11	9	100.0	12 18	US-10-257-017B-314625

9	100.0	12	18	US-10-257-017B-316022	Sequence 316022,
c 13	9	100.0	12	18	Sequence 338884,
c 14	9	100.0	12	18	Sequence 339176,
c 15	9	100.0	12	18	Sequence 34074,
c 16	9	100.0	12	18	Sequence 375136,
c 17	9	100.0	12	18	Sequence 376139,
c 18	9	100.0	12	18	Sequence 378060,
c 19	9	100.0	12	18	Sequence 380205,
c 20	9	100.0	12	18	Sequence 6159, Ap
c 21	9	100.0	13	18	Sequence 6160, Ap
c 22	9	100.0	13	18	Sequence 20922, A
c 23	9	100.0	13	18	Sequence 20924, A
c 24	9	100.0	13	18	Sequence 40333, A
c 25	9	100.0	13	18	Sequence 40334, A
c 26	9	100.0	13	18	Sequence 54941, A
c 27	9	100.0	13	18	Sequence 54942, A
c 28	9	100.0	13	18	Sequence 72189, A
c 29	9	100.0	13	18	Sequence 72190, A
c 30	9	100.0	13	18	Sequence 84907, A
c 31	9	100.0	13	18	Sequence 84908, A
c 32	9	100.0	13	18	Sequence 118049,
c 33	9	100.0	13	18	Sequence 118050,
c 34	9	100.0	13	18	Sequence 128783,
c 35	9	100.0	13	18	Sequence 128784,
c 36	9	100.0	13	18	Sequence 166363,
c 37	9	100.0	13	18	Sequence 166364,
c 38	9	100.0	13	18	Sequence 192849,
c 39	9	100.0	13	18	Sequence 192850,
c 40	9	100.0	13	18	Sequence 201789,
c 41	9	100.0	13	18	Sequence 201790,
c 42	9	100.0	13	18	Sequence 216341,
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c 44	9	100.0	13	18	Sequence 216347,
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c 46	9	100.0	13	18	Sequence 240467,
c 47	9	100.0	13	18	Sequence 240468,
c 48	9	100.0	13	18	Sequence 246559,
c 49	9	100.0	13	18	Sequence 246660,
c 50	9	100.0	13	18	Sequence 253579,
c 51	9	100.0	13	18	Sequence 253580,
c 52	9	100.0	13	18	Sequence 254199,
c 53	9	100.0	13	18	Sequence 254800,
c 54	9	100.0	13	18	Sequence 262049,
c 55	9	100.0	13	18	Sequence 262050,
c 56	9	100.0	13	18	Sequence 262995,
c 57	9	100.0	13	18	Sequence 262996,
c 58	9	100.0	16	18	Sequence 169, App
c 59	9	100.0	16	18	Sequence 169, App
c 60	9	100.0	17	16	Sequence 172, App
c 61	9	100.0	17	16	Sequence 172, App
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c 63	9	100.0	19	19	Sequence 19, App1
c 64	9	100.0	20	19	Sequence 19-766-154-19
c 65	9	100.0	20	19	Sequence 19-766-154-19
c 66	9	100.0	20	19	Sequence 163, App
c 67	9	100.0	20	19	Sequence 164, App
c 68	9	100.0	20	15	Sequence 104, App
c 69	9	100.0	20	17	Sequence 200, App
c 70	9	100.0	20	17	Sequence 6304, App
c 71	9	100.0	20	17	Sequence 484, App
c 72	9	100.0	21	10	Sequence 13, App1
c 73	9	100.0	21	16	Sequence 17, App1
c 74	9	100.0	21	16	Sequence 341, App
c 75	9	100.0	21	17	Sequence 9775, App
c 76	9	100.0	21	17	Sequence 23, App1
c 77	9	100.0	21	17	Sequence 1156, A
c 78	9	100.0	21	18	Sequence 11357, A
c 79	9	100.0	21	18	Sequence 11358, A
c 80	9	100.0	21	18	Sequence 11359, A
c 81	9	100.0	21	18	Sequence 11360, A
c 82	9	100.0	21	18	Sequence 11361, A
c 83	9	100.0	21	18	Sequence 11362, A

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	9	100.0	9 14	Sequence 2, Appli
2	9	100.0	9 14	Sequence 2, Appli
3	9	100.0	10 16	Sequence 202, App
4	9	100.0	12 18	Sequence 272134,
c 5	9	100.0	12 18	Sequence 279026,
c 6	9	100.0	12 18	Sequence 285661,
c 7	9	100.0	12 18	Sequence 28695,
c 8	9	100.0	12 18	Sequence 295164,
c 9	9	100.0	12 18	Sequence 299027,
c 10	9	100.0	12 18	Sequence 306420,
c 11	9	100.0	12 18	Sequence 314625,

**RESULT 1**  
US-10-122-630-2  
; Sequence 2, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Eller, Mark S.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT APPLICATION NUMBER: US/10/122,630  
; CURRENT FILING DATE: 2002-04-12  
; PRIORITY APPLICATION NUMBER: US 08/467,012  
; PRIOR FILING DATE: 1995-06-06  
; PRIORITY APPLICATION NUMBER: PCT/US96/08386  
; PRIOR FILING DATE: 1996-06-03  
; PRIORITY APPLICATION NUMBER: US 09/048,927  
; PRIOR FILING DATE: 1998-03-26  
; PRIORITY APPLICATION NUMBER: US 09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIORITY APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 9  
; TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

**ALIGNMENTS**

**RESULT 2**  
US-10-122-633-2  
; Sequence 2, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Eller, Mark S.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-019  
; CURRENT APPLICATION NUMBER: US/10/122,633  
; CURRENT FILING DATE: 2002-04-12  
; PRIORITY APPLICATION NUMBER: US 08/467,012  
; PRIOR FILING DATE: 1995-06-06  
; PRIORITY APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 9  
; TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

**RESULT 3**  
US-10-223-765-202  
; Sequence 202, Application US/10223765  
; Publication No. US20030165997A1  
; GENERAL INFORMATION:  
; APPLICANT: Kim, Jin-Soo  
; APPLICANT: Bae, Kwang-Hee  
; APPLICANT: Park, Kyung-Soo  
; APPLICANT: Kwon, Young-Do  
; APPLICANT: Ryu, Sun-Hyun  
; APPLICANT: Hwang, Moon-Sun  
; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES  
; FILE REFERENCE: 12279-005011  
; CURRENT APPLICATION NUMBER: US/10/223,765  
; CURRENT FILING DATE: 2002-08-19  
; PRIORITY APPLICATION NUMBER: 60/374,355  
; PRIOR FILING DATE: 2002-04-22  
; PRIORITY APPLICATION NUMBER: 60/313,402  
; PRIOR FILING DATE: 2001-08-17  
; NUMBER OF SEQ ID NOS: 305  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 202  
; LENGTH: 10  
; TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: synthetically generated oligonucleotide

**RESULT 4**  
US-10-257-017B-273134  
; Sequence 273134, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

**Query Match** 100.0%; Score 9; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.6e+08;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**Qy** 1 TAGGAGAT 9  
Db 1 TAGGAGAT 9

**Query Match** 100.0%; Score 9; DB 16; Length 10;  
Best Local Similarity 100.0%; Pred. No. 6.8e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**Qy** 1 TAGGAGAT 9  
Db 2 TAGGAGAT 10

**Query Match** 100.0%; Score 9; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.6e+08;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**Qy** 1 TAGGAGAT 9  
Db 1 TAGGAGAT 9

---

; TITLE OF INVENTION: methylations  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 273134  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003058  
 ; US-10-257-017B-273134

Query Match      Best Local Similarity      Score 9; DB 18; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Length 12;  <b>RESULT 5</b> Query 1 TAGGAGAT 9 Db 3 TAGGAGAT 11
---	---

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 279026  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00030799  
 ; US-10-257-017B-279026

Query Match      Best Local Similarity      Score 9; DB 18; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Length 12;  <b>RESULT 5</b> Query 1 TAGGAGAT 9 Db 3 TAGGAGAT 11
---	---

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 279026  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00030799  
 ; US-10-257-017B-279026

Query Match      Best Local Similarity      Score 9; DB 18; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Length 12;  <b>RESULT 6</b> Query 1 TAGGAGAT 9 Db 12 TAGGAGAT 4
---	---

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 283661  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00011446  
 ; US-10-257-017B-283661

Query Match      Best Local Similarity      Score 9; DB 18; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Length 12;  <b>RESULT 6</b> Query 1 TAGGAGAT 9 Db 3 TAGGAGAT 11
---	---

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 283661  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016640  
 ; US-10-257-017B-283661

Query Match      Best Local Similarity      Score 9; DB 18; Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Length 12;  <b>RESULT 6</b> Query 1 TAGGAGAT 9 Db 3 TAGGAGAT 11
---	---

Query Match Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Db 1 TAGGAGAT 9  
 Db 4 TAGGAGAT 12

RESULT 11  
 US-10-257-017B-314625  
 ; Sequence 314625, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; PRIORITY FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS.: 382046  
 ; SEQ ID NO. 314625  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026468

Query Match Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Db 1 TAGGAGAT 9  
 Db 4 TAGGAGAT 12

RESULT 12  
 US-10-257-017B-316022  
 ; Sequence 316022, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; PRIORITY FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS.: 382046  
 ; SEQ ID NO. 316022  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027234

Query Match Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Db 1 TAGGAGAT 9  
 Db 2 TAGGAGAT 10

RESULT 13  
 US-10-257-017B-338584/C  
 ; Sequence 338584, Application US/10257017B  
 ; Publication No. US20040241651A1

Query Match Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Db 1 TAGGAGAT 9  
 Db 2 TAGGAGAT 10

GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DB 10019173.8  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 339584  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE: Oligonucleotide primer for the detection of SNP TSC0041493  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041493  
; SEQ ID NO 339584

Query Match 100.0%; Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14  
US-10-257-017B-339176/c  
Sequence 339176, Application US/10257017B  
Publication No. US20040241651A1  
GENERAL INFORMATION:  
APPLICANT: Alexander Olek  
APPLICANT: Christian Piepenbrock  
APPLICANT: Kurt Berlin  
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
TITLE OF INVENTION: methylations  
FILE REFERENCE: E01/1193/WO  
CURRENT APPLICATION NUMBER: US/10/257,017B  
CURRENT FILING DATE: 2002-10-07  
PRIOR APPLICATION NUMBER: DB 10019173.8  
PRIOR FILING DATE: 2000-04-07  
NUMBER OF SEQ ID NOS: 382046  
SEQ ID NO 339176  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: Oligonucleotide primer for the detection of SNP TSC0040884  
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040884

Query Match 100.0%; Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 15  
US-10-257-017B-340374  
Sequence 340374, Application US/10257017B  
Publication No. US20040241651A1  
GENERAL INFORMATION:  
APPLICANT: Alexander Olek  
APPLICANT: Christian Piepenbrock  
APPLICANT: Kurt Berlin  
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
TITLE OF INVENTION: methylations  
FILE REFERENCE: E01/1193/WO

Query Match 100.0%; Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 16  
US-10-257-017B-375136/c  
Sequence 375136, Application US/10257017B  
Publication No. US20040241651A1  
GENERAL INFORMATION:  
APPLICANT: Alexander Olek  
APPLICANT: Christian Piepenbrock  
APPLICANT: Kurt Berlin  
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
FILE REFERENCE: E01/1193/WO  
CURRENT APPLICATION NUMBER: US/10/257,017B  
CURRENT FILING DATE: 2002-10-07  
PRIOR APPLICATION NUMBER: DB 10019173.8  
PRIOR FILING DATE: 2000-04-07  
NUMBER OF SEQ ID NOS: 382046  
SEQ ID NO 375136  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061083  
US-10-257-017B-375136

Query Match 100.0%; Score 9; DB 18; Length 12;  
Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 17  
US-10-257-017B-376139/c  
Sequence 376139, Application US/10257017B  
Publication No. US20040241651A1  
GENERAL INFORMATION:  
APPLICANT: Alexander Olek  
APPLICANT: Christian Piepenbrock  
APPLICANT: Kurt Berlin  
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
FILE REFERENCE: E01/1193/WO  
CURRENT APPLICATION NUMBER: US/10/257,017B  
CURRENT FILING DATE: 2002-10-07  
PRIOR APPLICATION NUMBER: DB 10019173.8  
PRIOR FILING DATE: 2000-04-07  
NUMBER OF SEQ ID NOS: 382046  
SEQ ID NO 376139  
LENGTH: 12

TYPE: DNA  
 FEATURE: Artificial Sequence  
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00061637

US-10-257-017B-376139

Query Match 100.0%; Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 12 TAGGAGAT 4

RESULT 20  
 US-10-257-017B-6159  
 ; Sequence 6159, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIORITY APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 6159  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935

US-10-257-017B-6159

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 4 TAGGAGAT 12

RESULT 21  
 US-10-257-017B-6160/c  
 ; Sequence 6160, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIORITY APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 6160  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001935

US-10-257-017B-6160

Query Match 100.0%; Score 9; DB 18; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 10 TAGGAGAT 2

RESULT 18  
 US-10-257-017B-378060  
 ; Sequence 378060, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIORITY APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 378060  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00062608

US-10-257-017B-378060

Query Match 100.0%; Score 9; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
 Db 4 TAGGAGAT 12

RESULT 19  
 US-10-257-017B-380205/c  
 ; Sequence 380205, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIORITY APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO: 380205  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001590

US-10-257-017B-380205

Query Match 100.0%; Score 9; DB 18; Length 12;

RESULT 22  
US-10-257-017B-20923 Application US/10257017B  
Sequence 20923, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIORITY PILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 20923  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246

Query Match 100 0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 23  
US-10-257-017B-20924/C  
Sequence 20924, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIORITY PILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 20924  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246

Query Match 100 0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 24  
US-10-257-017B-40333 Application US/10257017B  
Sequence 40333, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek

RESULT 25  
US-10-257-017B-40334/C  
Sequence 40334, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIORITY PILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 40334  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004246

Query Match 100 0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 26  
US-10-257-017B-54941 Application US/10257017B  
Sequence 54941, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: US/10257017B  
; PRIORITY PILING DATE: 2000-04-07

Query Match 100 0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 27  
US-10-257-017B-40333 Application US/10257017B  
Sequence 40333, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek

;

;

PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 54941  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
;

FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046  
US-10-257-017B-54941

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 3 TAGGAGAT 11

RESULT 29  
US-10-257-017B-72190/c  
Sequence 54942, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; ATTORNEY OR AGENT FOR APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation patterns  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 54942  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
;

FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015046  
US-10-257-017B-54942

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 11 TAGGAGAT 3

RESULT 30  
US-10-257-017B-84907  
Sequence 84907, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Kurt Berlin  
; ATTORNEY OR AGENT FOR APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation patterns  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 84907  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
;

FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021360  
US-10-257-017B-84907

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 13 TAGGAGAT 5



RESULT 36  
US-10-257-017B-166363  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/NO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; PRIORITY FILING DATE: 2002-10-07  
; PRIOR FILING DATE: DE 10019173.8  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 128784  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242  
; US-10-257-017B-128784

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 12 TAGGAGAT 4

RESULT 38  
US-10-257-017B-192849  
; Sequence 192849, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 192849  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC005223

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 12 TAGGAGAT 4

RESULT 39  
US-10-257-017B-192850/C  
; Sequence 192850, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 192850  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798  
; US-10-257-017B-166363

Query Match 100.0%; Score 9; DB 18; Length 13;  
Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGAT 9  
Db 2 TAGGAGAT 10

RESULT 37  
US-10-257-017B-166364/C  
; Sequence 166364, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 192850  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223

US-10-257-017B-192850

Query Match Similarity 100.0%; Score 9; DB 18; length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 TAGGAGGAT 9  
       | | | | | | |  
 Db 10 TAGGAGGAT 2

RESULT 40

US-10-257-017B-201789  
 ; Sequence 201789, Application US/10257017B  
 ; Publication No. US20050241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
 ; TITLE OF INVENTION: methylation  
 ; FILE REFERENCE: E01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO 201789  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSCC0049618

US-10-257-017B-201789

Query Match Similarity 100.0%; Score 9; DB 18; length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.6e+04;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 TAGGAGGAT 9  
       | | | | | | |  
 Db 2 TAGGAGGAT 10

Search completed: March 22, 2005, 19:09:31  
 Job time : 323.875 secs

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1 nucleic - nucleic search, using SW model									
Run on:	March 22, 2005, 04:59:11 ; Search time 60.6667 seconds (without alignments) 188.801 Million cell updates/sec								
file: US-09-540-843-3									
perfect score: 7	agtatga 7								
Sequence: 1									
Scoring table: IDENTITY_NUC									
GapOp 10_0 , GapExt 1.0									
searched: 1202784 seqs, 81813859 residues									
Total number of hits satisfying chosen parameters:	1407054								
Minimum DB seq length: 0									
Maximum DB seq length: 200									
Post-processing: Minimum Match 0%	Maximum Match 100%								
Listing first 100 summaries									
Database :									
Issued Patents NA:*									
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2: /cgm2_6_ptocdata/1/ina/5B_COMB.Beg:*									
3: /cgm2_6_ptocdata/1/ina/6A_COMB.Beg:*									
4: /cgm2_6_ptocdata/1/ina/6B_COMB.Beg:*									
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6: /cgm2_6_ptocdata/1/ina/backtFiles1.seq:*									
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.									
SUMMARIES									
Result No.	Score	Query Match	Length	DB ID	Description				
1	7	100.0	7	3 US-09-048-927-3	Sequence 3 , Appli				
2	7	100.0	9	3 US-09-048-927-1	Sequence 1 , Appli				
3	7	100.0	13	4 US-09-922-445-12	Sequence 12 , Appli				
4	7	100.0	13	4 US-09-922-445-22	Sequence 22 , Appli				
5	7	100.0	14	2 US-09-485-133-27	Sequence 27 , Appli				
6	7	100.0	14	2 US-08-74-905A-4	Sequence 4 , Appli				
7	7	100.0	15	1 US-08-334-847-24	Sequence 24 , Appli				
8	7	100.0	15	1 US-08-334-847-327	Sequence 32 , Appli				
9	7	100.0	15	1 US-08-671-071B-2	Sequence 2 , Appli				
10	7	100.0	15	2 US-08-74-1221-4	Sequence 4 , Appli				
11	7	100.0	15	2 US-08-585-684B-130	Sequence 130 , Appli				
12	7	100.0	15	2 US-08-585-684B-1315	Sequence 1315 , Appli				
13	7	100.0	15	3 US-08-485-133-28	Sequence 28 , Appli				
14	7	100.0	15	3 US-09-048-714A-33	Sequence 33 , Appli				
15	7	100.0	15	3 US-09-048-714A-34	Sequence 34 , Appli				
16	7	100.0	15	3 US-09-049-190-6	Sequence 6 , Appli				
17	7	100.0	15	3 US-09-049-190-7	Sequence 7 , Appli				
18	7	100.0	15	3 US-09-038-073-130	Sequence 130 , Appli				
19	7	100.0	15	3 US-09-038-073-1315	Sequence 1315 , Appli				
20	7	100.0	15	3 US-08-932-140C-6	Sequence 3 , Appli				
21	7	100.0	15	3 US-08-932-140C-7	Sequence 7 , Appli				
22	7	100.0	15	3 US-09-255-977-2	Sequence 2 , Appli				
23	7	100.0	15	4 US-09-272-343-1	Sequence 1 , Appli				
24	7	100.0	15	4 US-09-272-343-2	Sequence 2 , Appli				
25	7	100.0	15	4 US-09-485-623C-6	Sequence 6 , Appli				
26	7	100.0	15	4 US-09-485-623C-7	Sequence 7 , Appli				
27	7	100.0	15	1 US-07-277-844A-59	Sequence 59 , Appli				

## ALIGNMENTS

**RESULT 1**  
US-09-048-927-3  
*/ Sequence 3, Application US/09048927  
 ; Patent No. 6147056  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrist, Barbara A.  
 ; APPLICANT: Yaar, Mina  
 ; APPLICANT: Eller, Mark  
 ; TITLE OF INVENTION: Use of Locally Applied DNA Fragments  
 ; FILE REFERENCE: BU94-69A2  
 ; CURRENT APPLICATION NUMBER: US/09/048, 927  
 ; CURRENT FILING DATE: 1998-03-26  
 ; EARLIER APPLICATION NUMBER: 08/952, 697  
 ; EARLIER FILING DATE: 1996-06-03  
 ; EARLIER APPLICATION NUMBER: 08/467, 012  
 ; EARLIER FILING DATE: 1995-06-06  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FASTSEQ For Windows Version 3.0  
 ; SEQ ID NO: 3  
 ; LENGTH: 7  
 ; OTHER INFORMATION: Artificial Sequence  
 ; FEATURE:  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence*

Query Match Score 7; DB 3; Length 7;  
 Best Local Similarity 100 0%; Pred. No. 2.3e+08;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 1 AGTATGA 7

**RESULT 2**  
US-09-048-927-1  
*/ Sequence 1, Application US/09048927  
 ; Patent No. 6147056  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrist, Barbara A.  
 ; APPLICANT: Yaar, Mina  
 ; APPLICANT: Eller, Mark  
 ; TITLE OF INVENTION: Use of Locally Applied DNA Fragments  
 ; FILE REFERENCE: BU94-69A2  
 ; CURRENT APPLICATION NUMBER: US/09/048, 927  
 ; CURRENT FILING DATE: 1998-03-26  
 ; EARLIER APPLICATION NUMBER: 08/952, 697  
 ; EARLIER FILING DATE: 1996-06-03  
 ; EARLIER APPLICATION NUMBER: 08/467, 012  
 ; EARLIER FILING DATE: 1995-06-06  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FASTSEQ For Windows Version 3.0  
 ; SEQ ID NO: 1  
 ; LENGTH: 9  
 ; OTHER INFORMATION: Artificial Sequence  
 ; FEATURE:  
 ; TYPE: DNA*

Query Match Score 7; DB 3; Length 9;  
 Best Local Similarity 100 0%; Pred. No. 1.8e+08;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 2 AGTATGA 8

**RESULT 3**  
US-09-922-445-12/C  
*/ Sequence 12, Application US/09922445  
 ; Patent No. 6523268  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Andersson, Maria K.  
 ; APPLICANT: Berglund, Lars G. T.  
 ; APPLICANT: Reneland, Rickard H.  
 ; APPLICANT: Adam, Gail I. R.  
 ; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE  
 ; FILE REFERENCE: GGI26US  
 ; CURRENT APPLICATION NUMBER: US/09/922, 445  
 ; CURRENT FILING DATE: 2001-08-03  
 ; NUMBER OF SEQ ID NOS: 51  
 ; SOFTWARE: Patentin version 3.1  
 ; SEQ ID NO: 12  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: synthetic*

Query Match Score 7; DB 4; Length 13;  
 Best Local Similarity 100 0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 9 AGTATGA 3

**RESULT 4**  
US-09-922-445-22  
*/ Sequence 22, Application US/09922445  
 ; Patent No. 652B168  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Andersson, Maria K.  
 ; APPLICANT: Berglund, Lars G. T.  
 ; APPLICANT: Reneland, Rickard H.  
 ; APPLICANT: Adam, Gail I. R.  
 ; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE  
 ; FILE REFERENCE: GGI26US  
 ; CURRENT APPLICATION NUMBER: US/09/922, 445  
 ; CURRENT FILING DATE: 2001-08-03  
 ; NUMBER OF SEQ ID NOS: 51  
 ; SOFTWARE: Patentin version 3.1  
 ; SEQ ID NO: 22  
 ; LENGTH: 13  
 ; TYPE: DNA  
 ; ORGANISM: synthetic*

Query Match Score 7; DB 4; Length 13;  
 Best Local Similarity 100 0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 5 AGTATGA 11

**RESULT 5**  
US-08-485-133-27  
*/ Sequence 27, Application US/08485133  
 ; Patent No. 5976789  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Allibert, Patrice A.  
 ; APPLICANT: Coss, Philippe  
 ; APPLICANT: Mach, Bernard P.  
 ; APPLICANT: Mandrand, Bernard P.  
 ; APPLICANT: Tiercy, Jean-Marie  
 ; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING*

TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES  
 NUMBER OF SEQUENCES: 81  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OLIFF & BERRIDGE  
 STREET: P.O. Box 19928  
 CITY: Alexandria  
 STATE: Virginia  
 ZIP: 22320  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/485,133  
 FILING DATE: 7-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/030,143  
 FILING DATE: 11-MAR-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Berridge, William P.  
 REGISTRATION NUMBER: 30,024  
 REFERENCE/DOCKET NUMBER: WPB 28596A  
 TELEPHONE: 703-836-6400  
 TELEFAX: 703-836-2787  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 US-08-485-133-27

Query Match Score 7; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 8 AGTATGA 14

RESULT 6  
 US-08-744-905A-4/C  
 Sequence 4, Application US/08744905A  
 Patent No. 5990294  
 GENERAL INFORMATION:  
 APPLICANT: Murphy, Gerald  
 APPLICANT: Boynton, Alton  
 APPLICANT: Sehgal, Anil  
 TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID  
 SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,  
 TITLE OF INVENTION: METHODS OF USE THEREOF  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Pennie & Edmonds  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/744,905A  
 FILING DATE: 08-NOV-1996  
 CLASSIFICATION: 536

Query Match Score 7; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-744-905A-4  
 Sequence 24, Application US/08334847  
 Patent No. 5693532  
 GENERAL INFORMATION:  
 APPLICANT: McSwiggen, James  
 APPLICANT: Draper, Kenneth  
 APPLICANT: Pavco, Pam  
 APPLICANT: Woolf, Tod  
 TITLE OF INVENTION: METHOD AND REAGENT FOR  
 INHIBITING RESPIRATORY  
 TITLE OF INVENTION: SYNCYTIAL VIRUS  
 NUMBER OF SEQUENCES: 909  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/334-847  
 FILING DATE: No. 5633532ember 4, 1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 312,327  
 REFERENCE/DOCKET NUMBER: 209/032  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-334-847-24

Query Match 100.0%; Score 7; DB 1; Length 15;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0;  
 Gaps 0;

Qy 1 AGTATGA 7  
 Db 5 AGUAGCA 11

---

RESULT 9  
 US-08-334-847-327 Application US/08334847  
 ; Sequence 2, Application US/08671071B  
 ; Patent No. 5811270  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Grandgenett, Duane  
 ; TITLE OF INVENTION: An in vitro method for concerted integration of  
 ; donor DNA molecules using retroviral integrase proteins.  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Grandgenett, Duane  
 ; STREET: 8610 Henrietta Ave  
 ; CITY: Brentwood  
 ; STATE: Missouri  
 ; ZIP: 63144  
 ; COUNTRY: USA

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Disquette, 3.5 inch;  
 COMPUTER: Gateway 2000, DDX2-66B(Intel)  
 OPERATING SYSTEM: IBM clone  
 SOFTWARE: Microsoft Word  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/671,071B  
 FILING DATE: 06/27/96  
 CLASSIFICATION: 435

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (314) 962-0064  
 TELEFAX: (314) 577-8406  
 INFORMATION FOR SEQ ID NO: 7  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 bases  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus  
 ORIGINAL SOURCE: DNA, pIAV7 plasmid and pGEM plasmid.  
 IMMEDIATE SOURCE: Same as in 2,vi.

FEATURE:  
 OTHER INFORMATION: The sequence is the bottom strand of  
 M-2-US and the pGEM target of the top clone shown in  
 US-08-671-071B-2

OTHER INFORMATION: Figure 14 of original application.

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Query Match 100.0%; Score 7; DB 1; Length 15;  
 Best Local Similarity 100.0%; Prod. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 10  
 US-08-747-121-4/C Application US/08747121  
 ; Sequence 4, Application US/08747121  
 ; Patent No. 5874230  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Murphy, Gerald  
 ; APPLICANT: Boynton, Alton  
 ; APPLICANT: Seigal, Anil  
 ; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID  
 ; TITLE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH  
 ; TITLE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON  
 ; NUMBER OF SEQUENCES: 20  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1115 Avenue of the Americas  
 ; CITY: New York

INFORMATION FOR SEQ ID NO: 327:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-334-847-327

Query Match 100.0%; Score 7; DB 1; Length 15;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0;  
 Gaps 0;

Qy 1 AGTATGA 7  
 Db 5 AGUAGCA 11



; TOPOLOGY: linear  
 US-08-485-133-28  
 Query Match Score 7; DB 2; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 AGTATGA 7  
 Db 5 AGUAUGA 11

---

RESULT 13  
 US-08-485-133-28  
 Sequence 28, Application US/08485133  
 Patent No. 5976789  
 GENERAL INFORMATION:  
 / APPLICANT: Allibert, Patrice A.  
 / APPLICANT: Cros, Philippe  
 / APPLICANT: Mach, Bernard F.  
 / APPLICANT: Mandrand, Bernard F.  
 / APPLICANT: Tlercy, Jean-Marie  
 TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING  
 TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES  
 NUMBER OF SEQUENCES: 81  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OLFIF & BERRIDGE  
 STREET: P.O. Box 19928  
 CITY: Alexandria  
 STATE: Virginia  
 ZIP: 22320

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/485,133  
 FILING DATE: 7-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08 / 030,143  
 FILING DATE: 11-MAR-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Berridge, William P.  
 REGISTRATION NUMBER: 30,024  
 REFERENCE DOCKET NUMBER: WPB 28596A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703-836-6400  
 TELEFAX: 703-836-7787  
 INFORMATION FOR SEQ ID NO: 28:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-485-133-28

Query Match Score 7; DB 2; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 AGTATGA 7  
 Db 9 AGTATGA 15

---

RESULT 14  
 US-09-540-843-3.rni  
 Sequence 33, Application US/09094714A  
 Patent No. 6117847  
 GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett, Nicholas M. Dean  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF  
 ; PROTEIN KINASE C EXPRESSION  
 ; NUMBER OF SEQUENCES: 69  
 ; CORRESPONDENCE ADDRESS:  
 ; STREET: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP  
 ; CITY: One Liberty Place - 46th Floor  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: PC-DOS  
 ; SOFTWARE: WORDPERFECT 8.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/094,714A  
 ; FILING DATE: June 15, 1998  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/601,269  
 ; FILING DATE: 14-FEB-1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/478,178  
 ; FILING DATE: 07-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/089,996  
 ; FILING DATE: 09-JUL-1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 07/852,852  
 ; FILING DATE: 16-MAR-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Paul K. Legaard  
 ; REGISTRATION NUMBER: 38-534  
 ; REFERENCE/DOCKET NUMBER: ISIS-2943  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 562-3100  
 ; TELEFAX: (215) 568-2439  
 ; INFORMATION FOR SEQ ID NO: 33:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-09-094-714A-33

Query Match Score 7; DB 3; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 12 AGTATGA 6

---

RESULT 15  
 US-09-540-843-3/C  
 Sequence 34, Application US/09094714A  
 ; Patent No. 6117847  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett, Nicholas M. Dean  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF  
 ; PROTEIN KINASE C EXPRESSION  
 ; NUMBER OF SEQUENCES: 69  
 ; CORRESPONDENCE ADDRESS:  
 ; STREET: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: WORDPERFECT 8.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/094,714A  
 FILING DATE: June 15, 1998  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/601,269  
 FILING DATE: 14-FEB-1996  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/478,178  
 FILING DATE: 07-JUN-1995  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/089,996  
 FILING DATE: 09-JUL-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/852,852  
 FILING DATE: 16-MAR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Paul K. Legnard  
 REGISTRATION NUMBER: 38,534  
 REFERENCE/DOCKET NUMBER: ISIS-2943  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (215) 568-3100  
 TELEPAK: (215) 568-3439  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-094-714A-34

RESULT 16  
 US-09-049-190-6/c  
 Sequence 6, Application US/09049190  
 Patent No. 6190866  
 GENERAL INFORMATION:  
 APPLICANT: Nielsen et al.  
 TITLE OF INVENTION: Peptide Nucleic Acids Having  
 NUMBER OF SEQUENCES: 20  
 OTHER INFORMATION:  
 NUMBER OF SEQUENCES: 20  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Woodcock Washburn Kurtz Mackiewicz  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103  
 COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/049,190  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:

NAME: John W. Caldwell  
 REGISTRATION NUMBER: 28,937  
 REFERENCE/DOCKET NUMBER: ISIS-2560  
 TELEPHONE: 215-568-3100  
 TELEPAK: 215-568-3439  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 1  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 2  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 3  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 4  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 5  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 6  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 7  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 8  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 9  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 10  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 11  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 12  
 OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine  
 OTHER INFORMATION: backbone  
 FEATURE:

NAME/KEY: Modified-site  
 LOCATION: 13  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 14  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 15  
 OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine  
 OTHER INFORMATION: backbone  
 OTHER INFORMATION: backbone  
 US-09-049-190-6

Query Match Score 7; DB 3; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 AGTATGA 7
Db	10 AGTATGA 4

---

RESULT 17  
 US-09-049-190-7/C  
 Sequence 7, Application US/09049190  
 Patent No. 6190866

GENERAL INFORMATION:  
 APPLICANT: Nielsen et al.  
 TITLE OF INVENTION: Peptide Nucleic Acids Having  
 Antibacterial Activity  
 NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz  
 STREET: One Liberty Place - 46th Floor  
 CITY: Philadelphia  
 STATE: PA  
 COUNTRY: U.S.A.  
 ZIP: 19103

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: WordPerfect 6.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/049,190  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: John W. Caldwell  
 REGISTRATION NUMBER: 28,937  
 REFERENCE DOCKET NUMBER: ISIS-2560

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-568-3100  
 TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

NAME/KEY: Modified-site  
 LOCATION: 1  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site

LOCATION: 2  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 3  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 4  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 5  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 6  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 7  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 8  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 9  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 10  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 11  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 12  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 13  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 14  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine  
 OTHER INFORMATION: backbone  
 FEATURE:  
 NAME/KEY: Modified-site  
 LOCATION: 15  
 OTHER INFORMATION: N-acetyl (2-aminoethyl)-L-lysine-glycine  
 OTHER INFORMATION: backbone

US-09-049-190-7

Query Match Score 7; DB 3; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGAA 7  
Db 13 AGTATGAA 7

RESULT 18  
US-09-038-073-130  
Sequence 130, Application US/09038073  
Patent No. 6,194,150

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
NUMBER OF SEQUENCES: 2751

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 77-3510

INFORMATION FOR SEQ ID NO: 1315:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 100.0%; Score 7; DB 3; Length 15;  
Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGAA 7  
Db 5 AGUAGUA 11

RESULT 20  
US-08-932-140C-6/c  
Sequence 6, Application US/08932140C  
Patent No. 6,300,318

GENERAL INFORMATION:  
APPLICANT: Nielsen et al.  
TITLE OF INVENTION: Peptide Nucleic Acids Having  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/932,140C  
FILING DATE: September 16, 1997  
CLASSIFICATION:

RESULT 19  
US-09-038-073-1315  
Sequence 1315, Application US/09038073  
Patent No. 6,194,150

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigan, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28, 937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEX/FAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 6:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

FEATURE: Modified-site
LOCATION: 1 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 2 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 3 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 4 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 5 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 6 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 7 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 8 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 9 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 10 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 11 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 12 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 13 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: Modified-site
NAME/KEY: Modified-site
LOCATION: 14 OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
; / OTHER INFORMATION: backbone

```

```

; FEATURE: Modified-site
; NAME/KEY: 15
; LOCATION: 15
; OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
; OTHER INFORMATION: lysine-glycine backbone
; US-08-932-140C-6

Query Match Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
||| | |
Db 10 ACTATGA 4

RESULT 21
US-08-932-140C-7/c
; Sequence 7, Application US/08932140C
; Patent No. 6300318
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; Antibacterial Activity
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESS: No. 6300318is LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/932,140C
; FILING DATE: September 16, 1997
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE: Modified-site
; NAME/KEY: 1
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; backbone
; FEATURE: Modified-site
; NAME/KEY: 2
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; backbone
; FEATURE: Modified-site
; NAME/KEY: 3
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; backbone
; / OTHER INFORMATION: backbone

```

```

; Sequence 2, Application US/09253977A
; Patent No. 6316261
; GENERAL INFORMATION: Integration of DNA Donor and the Enzymes that Perform
; APPLICANT: Grandgenett, Duane P.
; TITLE OF INVENTION: Method for Analyzing Concerted Integration of Target DNA and the Enzymes that Perform
; TITLE OF INVENTION: this Concerted Integration Reaction
; FILE REFERENCE: 16153-8244
; CURRENT APPLICATION NUMBER: US/09/253,977A
; CURRENT FILING DATE: 1998-09-21
; EARLIER APPLICATION NUMBER: 08/671,071
; EARLIER FILING DATE: 1996-06-27
; EARLIER APPLICATION NUMBER: 08/247,089
; EARLIER FILING DATE: 1994-05-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Combination
; OF INVENTION: of avian or HIV-1 retrovirus DNA and pIAN7 plasmid
; US-09-253-977-2

Query Match          100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Qy      1 AGTATGA 7
Db      9 ||||| 3

RESULT 23
US-09-272-343-1/C
; Sequence 1, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DURROCHER, Yves
; TITLE OF INVENTION: CRB-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US FC
; CURRENT APPLICATION NUMBER: US/09/272,343
; CURRENT FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PasteSEQ for Windows Version 3.0
; SEQ ID NO: 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: endogenous CRS sequence of VIP promoter
; US-09-272-343-1

Query Match          100.0%; Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Qy      1 AGTATGA 7
Db      9 ||||| 3

RESULT 24
US-09-272-343-2
; Sequence 2, Application US/09272343
; Patent No. 6596508
; GENERAL INFORMATION:
; APPLICANT: DURROCHER, Yves
; TITLE OF INVENTION: CRB-INDUCIBLE EXPRESSION SYSTEM
; FILE REFERENCE: 2139-13US FC
; CURRENT APPLICATION NUMBER: US/09/272,343
; CURRENT FILING DATE: 1999-03-19

Query Match          100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0
Qy      1 AGTATGA 7
Db      13 AGTATGA 7

```

```

; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: CRB sequence of VIP promoter
; OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
US-09-272-343-2
Query Match Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 0
Qy 1 AGTATGA 7
Db 7 AGTATGA 13
;
```

---

```

RESULT 25
US-09-496-623C-6/C
; Sequence 6, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-1292
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; PRIOR FILING DATE: 1997-09-16
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Synthetic construct
; FEATURE: misc_feature
; NAME/KEY: misc_feature
; LOCATION: (15).-(14)
; OTHER INFORMATION: N-[acetyl (2-aminoethyl) glycine
US-09-486-623C-6
Query Match Score 7; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; SEQ ID NO: 0
Qy 1 AGTATGA 7
Db 10 AGTATGA 4
;
```

---

```

RESULT 26
US-09-486-623C-7/c
; Sequence 7, Application US/09486623C
; Patent No. 6734161
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Peter E.
; TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
; FILE REFERENCE: ISIS-3232
; CURRENT APPLICATION NUMBER: US/09/486,623C
; CURRENT FILING DATE: 2000-07-06
; PRIOR APPLICATION NUMBER: 08/932,140
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 7
; LENGTH: 15
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; SEQ ID NO: 0
US-07-977-284A-59
;
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Query Match Similarity 100.0%; Score 7; DB 1; Length 16;  
 Best Local Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 9 AGTATGA 3

RESULT 28  
 US-08-719-593-24  
 ; Sequence 24, Application US/08719593  
 ; Patent No. 5741706  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Leavitt, Marley Carl  
 ; APPLICANT: Duarte, Elizabeth  
 ; APPLICANT: Tritz, Richard  
 ; APPLICANT: Barber, Jack R.  
 ; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes  
 ; NUMBER OF SEQUENCES: 35  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEES: Townsend and Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC Compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/719,593  
 ; FILING DATE: NO. 5741706 yet assigned  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Weber, Kenneth A.  
 ; REGISTRATION NUMBER: 31,677  
 ; REFERENCE/DOCKET NUMBER: 016555-000810US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 24:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 16 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: RNA (genomic)  
 ; FEATURE:  
 ; NAME/KEY: -  
 ; LOCATION: 1..16  
 ; OTHER INFORMATION: /note= "HIV target sequence for  
 ; OTHER INFORMATION: anti-2'25 GUA ribozyme target site"  
 US-08-719-593-24

Query Match Similarity 100.0%; Score 7; DB 1; Length 16;  
 Best Local Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 5 AGUAGUA 11

RESULT 29  
 US-08-4268-59/c  
 ; Sequence 59, Application US/08256426B  
 ; Patent No. 5948611  
 ; GENERAL INFORMATION:

APPLICANT: Prockop, Darwin J.  
 ; APPLICANT: Ala-Kokko, Leena  
 ; APPLICANT: Williams, Charlene J.  
 ; APPLICANT: Rittvaniemi, Pertti  
 ; APPLICANT: Baldwin, Clinton  
 ; APPLICANT: Hopkinson, Ian  
 ; APPLICANT: Ahmad, Nilofer Nina  
 ; TITLE OF INVENTION: Methods of Detecting A Genetic  
 ; NUMBER OF SEQUNENCES: 293  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEEE: Woodcock Washburn Kurtz Mackiewicz & NO. 5948611r1s  
 ; STREET: One Liberty Place - 46th Floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: USA  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: Windows 3.1  
 ; SOFTWARE: WORDPERFECT 6.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/256,426B  
 ; FILING DATE: 03-FEB-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US93/10964  
 ; FILING DATE: 12-NOV-1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 07/977,284  
 ; FILING DATE: 13-NOV-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Mark DeLuca  
 ; REGISTRATION NUMBER: 33,239  
 ; REFERENCE/DOCKET NUMBER: Tju-1082  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215) 568-3100  
 ; TELEFAX: (215) 568-3439  
 ; INFORMATION FOR SEQ ID NO: 59:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 16  
 ; TYPE: NUCLEIC ACID  
 ; STRANDEDNESS: SINGLE  
 ; TOPOLOGY: LINEAR  
 ; ANTI-SENSE: NO  
 ; US-08-256-426B-59

Query Match Similarity 100.0%; Score 7; DB 2; Length 16;  
 Best Local Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 9 AGTATGA 3

RESULT 30  
 US-08-458-814-1  
 ; Sequence 1, Application US/08458814  
 ; Patent No. 6103243  
 ; GENERAL INFORMATION:  
 ; APPLICANT: RUSSELL-JONES, Gregory J.  
 ; APPLICANT: DE AZPURUA, Henry J.  
 ; APPLICANT: HOWE, Peter  
 ; APPLICANT: RAND, Keith N  
 ; TITLE OF INVENTION: ORAL VACCINES  
 ; NUMBER OF SEQUNENCES: 12  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEEE: Foley S Lardner  
 ; STREET: 3000 K Street, N.W.  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA

ZIP: 20007-5109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/458,814  
 FILING DATE: 02-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/327,822  
 FILING DATE: 18-OCT-1994  
 CLASSIFICATION: 424  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/AU06/00135  
 FILING DATE: 14-MAY-1986  
 PRIOR APPLICATION DATA:  
 ATTORNEY/AGENT INFORMATION:  
 APPLICATION NUMBER: AU PH3104  
 FILING DATE: 25-OCT-1985  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: AU PH566  
 FILING DATE: 15-MAY-1985  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BENT, Stephen A  
 REGISTRATION NUMBER: 29,7658  
 REFERENCE/DOCKET NUMBER: 60042/155/BIAU  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202 672 5300  
 TELEFAX: 202 672 5399  
 TELEX: 904136  
 LENGTH: 16 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: unknown  
 TOPOLOGY: unknown  
 MOLECULE TYPE: other nucleic acid  
 SEQUENCE CHARACTERISTICS:  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..12  
 US-08-458-814-1

Query Match Score 7; DB 3; Length 16;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 31  
 US-09-479-005A-125  
 Sequence 125, Application US/09479005A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
 ; FILE REFERENCE: MBH80-884-C  
 ; CURRENT APPLICATION NUMBER: US/09/479,005A  
 ; CURRENT FILING DATE: 2000-01-07  
 ; PRIOR APPLICATION NUMBER: US 09/444,209  
 ; PRIOR FILING DATE: 1999-11-19  
 ; PRIOR APPLICATION NUMBER: US 09/159,274  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: US 60/059,473  
 ; NUMBER OF SEQ ID NOS: 1208  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO: 126  
 ; LENGTH: 16  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-479-005A-126

Query Match Score 7; DB 4; Length 16;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 32  
 US-09-479-005A-126  
 Sequence 126, Application US/09479005A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity  
 ; FILE REFERENCE: MBH80-884-C  
 ; CURRENT APPLICATION NUMBER: US/09/479,005A  
 ; CURRENT FILING DATE: 2000-01-07  
 ; PRIOR APPLICATION NUMBER: US 09/444,209  
 ; PRIOR FILING DATE: 1999-11-19  
 ; PRIOR APPLICATION NUMBER: US 09/159,274  
 ; PRIOR FILING DATE: 1998-09-22  
 ; PRIOR APPLICATION NUMBER: US 60/059,473  
 ; NUMBER OF SEQ ID NOS: 1208  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO: 126  
 ; LENGTH: 16  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-479-005A-126

Query Match Score 7; DB 4; Length 16;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 33  
 US-08-390-850-461  
 Sequence 461, Application US/08390850  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Draper, Kenneth G.  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: Messwigen, James  
 ; APPLICANT: Gustotot, John T.  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 ; NUMBER OF SEQUENCES: 1151  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEER: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: Storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSEQ Version 1.5  
 ; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-08/390,850  
 FILING DATE: February 17, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487  
 FILING DATE: NO. 561225ember 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 461:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-634-461

Query Match 100.0%; Score 7; DB 1; Length 17;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 6 AGUAUCA 12

RESULT 34  
 US-08-435-634-461 ASSOCIATION US-08/35634  
 Sequence 461, Application US-08/35634  
 Patent No. 5731295  
 GENERAL INFORMATION:  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Gubtsoff, John  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 TITLES OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 NUMBER OF SEQUENCES: 1151  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 SUITE: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90011-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US-08/435,634  
 FILING DATE: May 1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/390,850  
 FILING DATE: February 17, 1995  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487  
 FILING DATE: NO. 561225ember 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 365:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-634-461

Query Match 100.0%; Score 7; DB 1; Length 17;  
 Best Local Similarity 71.4%; Pred. No. 3.6e+04;  
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7  
 Db 6 AGUAUCA 12

RESULT 35  
 US-08-758-306-365/c  
 Sequence 365, Application US-08758306  
 Patent No. 5807743  
 GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: McSwiggen, James A.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TREATMENT OF DISEASES  
 ASSOCIATED WITH  
 TITLE OF INVENTION: ASSOCIATION OF DISEASES  
 ASSOCIATED WITH  
 TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
 NUMBER OF SEQUENCES: 1379  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 SUITE: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90011-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US-08/758,306  
 FILING DATE: December 3, 1996  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/390,850  
 FILING DATE: February 17, 1995  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487  
 FILING DATE: NO. 561225ember 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 212/132  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 365:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-634-461

RESULT 36  
 TOPOLGY: linear  
 US-08-758-306-367/c  
 Query Match Similarity 100.0%; Score 7; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 APPLICANT: Stinchcomb, Dan T.  
 GENERAL INFORMATION:  
 APPLICANT: McSwiggen, James A.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TREATMENT OF DISEASES  
 ASSOCIATED WITH  
 INTERLEUKIN-2 RECEPTOR  
 TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
 NUMBER OF SEQUENCES: 1379  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: Storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/758-306  
 FILING DATE: December 3, 1996  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32.327  
 REFERENCE/DOCKET NUMBER: 212/132  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 369:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base Pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-758-306-369

RESULT 37  
 TOPOLGY: linear  
 US-08-758-306-369/c  
 Query Match Similarity 100.0%; Score 7; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 APPLICANT: Stinchcomb, Dan T.  
 GENERAL INFORMATION:  
 APPLICANT: McSwiggen, James A.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TREATMENT OF DISEASES  
 ASSOCIATED WITH  
 INTERLEUKIN-2 RECEPTOR  
 TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
 NUMBER OF SEQUENCES: 1379  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street

RESULT 38  
 TOPOLGY: linear  
 US-08-758-306-371/c  
 Query Match Similarity 100.0%; Score 7; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.6e+04;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIORITY INFORMATION:
PRIORITY NUMBER: 90071-2066
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELELEX: 67-3510
INFORMATION FOR SEQ ID NO: 813:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-813

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 8 AGTATGA 8

RESULT 40
US-08-758-306-815/c
Sequence 815, Application US/08758306
Patent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
McSwiggen, James A.
METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PartSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIORITY INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-758-306-371

Query Match 100.0%; Score 7; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 8 AGTATGA 2

RESULT 39
US-08-758-306-813/c
Sequence 813, Application US/08758306
Patent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
McSwiggen, James A.
METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIORITY INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:

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; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-758-306-815

Query Match Similarity 100.0%; Score 7; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3 6e+04;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	AGTATGA	7
Db	11	AGTATGA	5

Search completed: March 22, 2005, 10:49:08  
Job time : 63.6667 secs

GenCore version 5.1.6  
(c) 1993 - 2005 Compugen Ltd.

## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 248.792 seconds

(without alignments)  
167.500 Million cell updates/secTitle: US-09-540-843-3  
Perfect score: 7  
Sequence: 1 agtagta 7Scoring table: IDENTITY NUC  
Gapext 10.0 , Gapext 1.0

Searched: 554816 seqs, 297661598 residues

Total number of hits satisfying chosen parameters:

5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 100 summaries

Published Applications NA:\*

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 2: /cgn2_6_ptodata/2/pubpna/pct_new_pub.seq:*
 3: /cgn2_6_ptodata/2/pubpna/us05_new_pub.seq:*
 4: /cgn2_6_ptodata/2/pubpna/us07_PUBCOMB.seq:*
 5: /cgn2_6_ptodata/2/pubpna/us06_PUBCOMB.seq:*
 6: /cgn2_6_ptodata/2/pubpna/us07_new_pub.seq:*
 7: /cgn2_6_ptodata/2/pubpna/pctos_PUBCOMB.seq:*
 8: /cgn2_6_ptodata/2/pubpna/us08_PUBCOMB.seq:*
 9: /cgn2_6_ptodata/2/pubpna/us09_PUBCOMB.seq:*
10: /cgn2_6_ptodata/2/pubpna/us09b_PUBCOMB.seq:*
11: /cgn2_6_ptodata/2/pubpna/us09c_PUBCOMB.seq:*
12: /cgn2_6_ptodata/2/pubpna/us09_new_pub.seq:*
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14: /cgn2_6_ptodata/2/pubpna/us10_PUBCOMB.seq:*
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18: /cgn2_6_ptodata/2/pubpna/us10f_PUBCOMB.seq:*
19: /cgn2_6_ptodata/2/pubpna/us10_gnew_pub.seq:*
20: /cgn2_6_ptodata/2/pubpna/us11_new_pub.seq:*
21: /cgn2_6_ptodata/2/pubpna/us60_new_pub.seq:*
22: /cgn2_6_ptodata/2/pubpna/us60_pucomb.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query ID	Score	Match Length	DB ID	Description
1	c 7	100.0	7	14	US-10-122-630-3
2	c 7	100.0	7	14	US-10-122-630-7
3	c 7	100.0	7	14	US-10-122-633-3
4	c 7	100.0	7	14	US-10-122-633-7
5	c 7	100.0	9	14	US-10-122-630-1
6	c 7	100.0	9	14	US-10-122-633-1
7	c 7	100.0	10	9	US-09-398-99-31
8	c 7	100.0	10	9	US-09-899-881-31
c 9	c 7	100.0	10	13	US-10-033-145-1423
c 10	c 7	100.0	10	16	US-10-329-465-30
c 11	c 7	100.0	10	17	US-10-193-507-58

c 12	c 7	100.0	11	18	US-10-818-158-2
c 13	c 7	100.0	11	18	US-10-612-224-97
c 14	c 7	100.0	11	18	US-10-450-797-482
c 15	c 7	100.0	12	15	US-10-221-306A-15
c 16	c 7	100.0	12	15	US-10-150-779A-15
c 17	c 7	100.0	12	18	US-10-150-779A-16
c 18	c 7	100.0	12	18	US-10-257-017B-267717
c 19	c 7	100.0	12	18	US-10-257-017B-268330
c 20	c 7	100.0	12	18	US-10-257-017B-270751
c 21	c 7	100.0	12	18	US-10-257-017B-271312
c 22	c 7	100.0	12	18	US-10-257-017B-271422
c 23	c 7	100.0	12	18	US-10-257-017B-271762
c 24	c 7	100.0	12	18	US-10-257-017B-274643
c 25	c 7	100.0	12	18	US-10-257-017B-274645
c 26	c 7	100.0	12	18	US-10-257-017B-275436
c 27	c 7	100.0	12	18	US-10-257-017B-278130
c 28	c 7	100.0	12	18	US-10-257-017B-278178
c 29	c 7	100.0	12	18	US-10-257-017B-279165
c 30	c 7	100.0	12	18	US-10-257-017B-279249
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c 32	c 7	100.0	12	18	US-10-257-017B-279622
c 33	c 7	100.0	12	18	US-10-257-017B-280377
c 34	c 7	100.0	12	18	US-10-257-017B-280501
c 35	c 7	100.0	12	18	US-10-257-017B-280912
c 36	c 7	100.0	12	18	US-10-257-017B-281987
c 37	c 7	100.0	12	18	US-10-257-017B-282596
c 38	c 7	100.0	12	18	US-10-257-017B-284462
c 39	c 7	100.0	12	18	US-10-257-017B-284463
c 40	c 7	100.0	12	18	US-10-257-017B-284919
c 41	c 7	100.0	12	18	US-10-257-017B-286231
c 42	c 7	100.0	12	18	US-10-257-017B-287101
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c 44	c 7	100.0	12	18	US-10-257-017B-287461
c 45	c 7	100.0	12	18	US-10-257-017B-288227
c 46	c 7	100.0	12	18	US-10-257-017B-288701
c 47	c 7	100.0	12	18	US-10-257-017B-289982
c 48	c 7	100.0	12	18	US-10-257-017B-291897
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c 51	c 7	100.0	12	18	US-10-257-017B-298254
c 52	c 7	100.0	12	18	US-10-257-017B-299197
c 53	c 7	100.0	12	18	US-10-257-017B-299220
c 54	c 7	100.0	12	18	US-10-257-017B-299239
c 55	c 7	100.0	12	18	US-10-257-017B-299310
c 56	c 7	100.0	12	18	US-10-257-017B-299885
c 57	c 7	100.0	12	18	US-10-257-017B-30134
c 58	c 7	100.0	12	18	US-10-257-017B-301639
c 59	c 7	100.0	12	18	US-10-257-017B-302830
c 60	c 7	100.0	12	18	US-10-257-017B-307760
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c 62	c 7	100.0	12	18	US-10-257-017B-305395
c 63	c 7	100.0	12	18	US-10-257-017B-306811
c 64	c 7	100.0	12	18	US-10-257-017B-306812
c 65	c 7	100.0	12	18	US-10-257-017B-307025
c 66	c 7	100.0	12	18	US-10-257-017B-307769
c 67	c 7	100.0	12	18	US-10-257-017B-310694
c 68	c 7	100.0	12	18	US-10-257-017B-312911
c 69	c 7	100.0	12	18	US-10-257-017B-313291
c 70	c 7	100.0	12	18	US-10-257-017B-315500
c 71	c 7	100.0	12	18	US-10-257-017B-316117
c 72	c 7	100.0	12	18	US-10-257-017B-316137
c 73	c 7	100.0	12	18	US-10-257-017B-317059
c 74	c 7	100.0	12	18	US-10-257-017B-319378
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c 76	c 7	100.0	12	18	US-10-257-017B-320691
c 77	c 7	100.0	12	18	US-10-257-017B-320892
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c 79	c 7	100.0	12	18	US-10-257-017B-321412
c 80	c 7	100.0	12	18	US-10-257-017B-321861
c 81	c 7	100.0	12	18	US-10-257-017B-321862
c 82	c 7	100.0	12	18	US-10-257-017B-322004
c 83	c 7	100.0	12	18	US-10-257-017B-322944
c 84	c 7	100.0	12	18	US-10-257-017B-323641

**RESULT 1**  
US-10-122-630-3  
*; Sequence 3, Application US/10122630*  
*; Publication No. US20030032610A1*  
*; GENERAL INFORMATION:*  
*;   APPLICANT: Gilchrest, Barbara A.*  
*;   TITLE OF INVENTION: Method to Inhibit Cell Growth Using*  
*;   TITLE OF INVENTION: Oligonucleotides*  
*; FILE REFERENCE: 0054-1088-018*  
*; CURRENT APPLICATION NUMBER: US/10122630*  
*; CURRENT FILING DATE: 2002-04-12*  
*; PRIOR APPLICATION NUMBER: US 08/467,012*  
*; PRIOR FILING DATE: 1995-06-06*  
*; PRIOR APPLICATION NUMBER: PCT/US96/08386*  
*; PRIOR FILING DATE: 1996-06-03*  
*; PRIOR APPLICATION NUMBER: US 09/048,927*  
*; PRIOR FILING DATE: 1998-03-26*  
*; PRIOR APPLICATION NUMBER: US 09/540,843*  
*; PRIOR FILING DATE: 2000-03-31*  
*; PRIOR APPLICATION NUMBER: PCT/US01/10162*  
*; PRIOR FILING DATE: 2001-03-30*  
*; NUMBER OF SEQ ID NOS: 15*  
*; SOFTWARE: FastSEQ for Windows Version 4.0*  
*; SEQ ID NO 3*  
*; LENGTH: 7*  
*; TYPE: DNA*  
*; ORGANISM: Artificial Sequence*  
*; OTHER INFORMATION: Synthetic DNA Fragment*

## ALIGNMENTS

US-10-122-630-7

**Query Match** 100.0%; Score 7; DB 14; Length 7;  
*Best Local Similarity 100.0%; Pred. No. 8.3e+08;*  
*Matches 7; Conservative 0; Mismatches 0; Indels 0;*  
*Gaps 0;*  
**Qy** 1 AGTATGA 7  
**Db** 1 AGTATGA 7

**RESULT 2**  
US-10-122-630-7  
*; Sequence 7, Application US/10122630*  
*; Publication No. US20030032610A1*  
*; GENERAL INFORMATION:*  
*;   APPLICANT: Biller, Mark S.*  
*;   TITLE OF INVENTION: Method to Inhibit Cell Growth Using*  
*;   TITLE OF INVENTION: Oligonucleotides*  
*; FILE REFERENCE: 0054-1088-018*  
*; CURRENT APPLICATION NUMBER: US/10122630*  
*; CURRENT FILING DATE: 2002-04-12*  
*; PRIOR APPLICATION NUMBER: US 08/467,012*  
*; PRIOR FILING DATE: 1995-06-06*  
*; PRIOR APPLICATION NUMBER: PCT/US96/08386*  
*; PRIOR FILING DATE: 1996-06-03*  
*; PRIOR APPLICATION NUMBER: US 09/048,927*  
*; PRIOR FILING DATE: 1998-03-26*  
*; PRIOR APPLICATION NUMBER: US 09/540,843*  
*; PRIOR FILING DATE: 2000-03-31*  
*; PRIOR APPLICATION NUMBER: PCT/US01/10162*  
*; PRIOR FILING DATE: 2001-03-30*  
*; NUMBER OF SEQ ID NOS: 15*  
*; SOFTWARE: FastSEQ for Windows Version 4.0*  
*; SEQ ID NO 3*  
*; LENGTH: 7*  
*; TYPE: DNA*  
*; ORGANISM: Artificial Sequence*  
*; OTHER INFORMATION: Synthetic DNA Fragment*

US-10-122-633-3

**Query Match** 100.0%; Score 7; DB 14; Length 7;  
*Best Local Similarity 100.0%; Pred. No. 8.3e+08;*  
*Matches 7; Conservative 0; Mismatches 0; Indels 0;*  
*Gaps 0;*  
**Qy** 1 AGTATGA 7  
**Db** 1 AGTATGA 7

**RESULT 4**  
US-10-122-633-7  
*; Sequence 7, Application US/10122633*  
*; Publication No. US20030032611A1*  
*; GENERAL INFORMATION:*  
*;   APPLICANT: Yaar, Mina*  
*;   TITLE OF INVENTION: Method to Inhibit Cell Growth Using*  
*;   TITLE OF INVENTION: Oligonucleotides*  
*; FILE REFERENCE: 0054-1088-019*  
*; CURRENT APPLICATION NUMBER: US/10122633*  
*; CURRENT FILING DATE: 2002-04-12*  
*; PRIOR APPLICATION NUMBER: US 09/540,843*  
*; PRIOR FILING DATE: 2000-03-31*  
*; PRIOR APPLICATION NUMBER: PCT/US01/10162*  
*; PRIOR FILING DATE: 2001-03-30*  
*; NUMBER OF SEQ ID NOS: 15*  
*; SOFTWARE: FastSEQ for Windows Version 4.0*  
*; SEQ ID NO 3*  
*; LENGTH: 7*  
*; TYPE: DNA*  
*; ORGANISM: Artificial Sequence*  
*; OTHER INFORMATION: Synthetic DNA Fragment*



US-09-899-381-31  
*; Sequence 31, Application US/09899381*  
*; GENERAL INFORMATION:*  
*; APPLICANT: Delenstarr, Glend C.*  
*; APPLICANT: Sana, Theodore R.*  
*; TITLE OF INVENTION: Arrays Having Background Features and*  
*; FILE REFERENCE: 1001760-1*  
*; CURRENT APPLICATION NUMBER: US/09/899,381*  
*; CURRENT FILING DATE: 2001-07-05*  
*; PRIOR APPLICATION NUMBER: 09/398,399*  
*; PRIOR FILING DATE: 1999-09-17*  
*; NUMBER OF SEQ ID NOS: 53*  
*; SOFTWARE: FastSEQ for Windows Version 4.0*  
*; SEQ ID NO 31*  
*; LENGTH: 10*  
*; TYPE: DNA*  
*; ORGANISM: Artificial Sequence*  
*; OTHER INFORMATION: synthetic probe*

US-09-899-381-31  
Query Match 100.0%; Score 7; DB 9; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 AGTATGA 7  
Db 1 AGTATGA 7

RESULT 9  
US-10-033-145-1423/c  
*; Sequence 1423, Application US/10033145*  
*; Publication No. US2002151515A1*  
*; GENERAL INFORMATION:*  
*; APPLICANT: GENZYME CORPORATION*  
*; APPLICANT: ROBERTS, BRUCE*  
*; APPLICANT: SHANKARA, SRINIVAS*  
*; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES*  
*; FILE REFERENCE: GA0201C*  
*; CURRENT APPLICATION NUMBER: US/10/033,145*  
*; CURRENT FILING DATE: 2001-11-05*  
*; PRIOR APPLICATION NUMBER: PCT/US99/13800*  
*; PRIOR FILING DATE: 1999-06-18*  
*; NUMBER OF SEQ ID NOS: 2137*  
*; SOFTWARE: PatentIn version 3.0*  
*; SEQ ID NO 1423*  
*; LENGTH: 10*  
*; TYPE: DNA*  
*; ORGANISM: Homo sapiens*

US-10-033-145-1423  
Query Match 100.0%; Score 7; DB 13; Length 10;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 AGTATGA 7  
Db 7 AGTATGA 1

RESULT 12  
US-10-18-158-2/c  
*; Sequence 2, Application US/10818158*  
*; Publication No. US20050020526A1*  
*; GENERAL INFORMATION:*  
*; APPLICANT: TAN, XIN XING*  
*; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND*  
*; TREATMENT OF SEPSIS*  
*; FILE REFERENCE: CRYA 025-C-CIP*  
*; CURRENT APPLICATION NUMBER: US/10/818,158*  
*; PRIOR APPLICATION NUMBER: 10/743,955*  
*; PRIOR FILING DATE: 2003-12-23*  
*; PRIOR APPLICATION NUMBER: 10/453,410*  
*; PRIOR FILING DATE: 2003-06-03*  
*; NUMBER OF SEQ ID NOS: 7*

RESULT 10  
US-10-329-465-30/c  
*; Sequence 30, Application US/10329465*  
*; Publication No. US2003016594A1*  
*; GENERAL INFORMATION:*  
*; APPLICANT: Wang et al.*  
*; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-FUSION*  
*; FILE REFERENCE: 27373/37928A*

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; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO: 2
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
; BRURATE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-818-158-2

Query Match Similarity 100.0%; Score 7; DB 19; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 15
US-10-221-306A-15/C
; Sequence 15, Application US/10221306A
; Publication No. US20040171820A1
; GENERAL INFORMATION:
;   APPLICANT: Seela, Frank
;   APPLICANT: Debelak, Harald
;   APPLICANT: Bergmann, Frank
;   APPLICANT: Heindl, Dieter
;   APPLICANT: von der Blitz, Herbert
; TITLE OF INVENTION: N8- and C8-linked purine bases and structurally related heterocycles as universal nucleosides used for oligonucleotide hybridization
; TITL OF INVENTION: heterocycles as universal nucleosides used for related
; FILE REFERENCE: 19028.US
; CURRENT APPLICATION NUMBER: US/10/221-306A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: PCT/EP01/03458
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic; Oligonucleotide designated 118 useful in a model system for analysing a proposed gene
; OTHER INFORMATION: Oligonucleotide hybridization system for analysing a proposed gene
; OTHER INFORMATION: of nucleotide analogues as described in the present invention
; OTHER INFORMATION: application
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: abasic linker-group at 3-OH-group of sugar
US-10-221-306A-15

Query Match Similarity 100.0%; Score 7; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 16
US-10-150-779A-15/C
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
;   APPLICANT: WISSENBACH, MARGIT
;   APPLICANT: KOCH, TROELS
;   APPLICANT: ORUM, HENRICK
;   APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN DISEASES
; TITL OF INVENTION: INFECTION DISEASES
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150-779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; OTHER INFORMATION: PatentIn version 3.2
SEQ ID NO: 482

Query Match Similarity 100.0%; Score 7; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 17
US-10-450-797-482
; Sequence 482, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:
;   APPLICANT: Petersohn, Dirk
;   APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
SEQ ID NO: 482

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; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 17
US-10-150-779A-16/c
Sequence 16, Application US/10150779A
Publication No. US20030125241A1
GENERAL INFORMATION:
; APPLICANT: WISSENBACH, MARGIT
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIORITY NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 16
; FILE REFERENCE: 55704 (45120)
; SEQ ID NO: 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 18
US-10-257-017B-267717/c
Sequence 267717, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIORITY NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO: 270751
; LENGTH: 12
; FILE REFERENCE: E01/1193/WO
; NUMBER OF SEQ ID NOS: 16
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000478
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00004046
US-10-257-017B-267717

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 12 AGTATGA 6

RESULT 19
US-10-257-017B-268330/c
Sequence 268330, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIORITY NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO: 268330
; LENGTH: 12
; FILE REFERENCE: E01/1193/WO
; NUMBER OF SEQ ID NOS: 16
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001064
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001064
US-10-257-017B-268330

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 20
US-10-257-017B-270751
Sequence 270751, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIORITY NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO: 270751
; LENGTH: 12
; FILE REFERENCE: E01/1193/WO
; NUMBER OF SEQ ID NOS: 16
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002228
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002228
US-10-257-017B-270751

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 21
US-10-257-017B-270751
Sequence 270751, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIORITY NUMBER: DE 10019173.8
; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO: 270751
; LENGTH: 12
; FILE REFERENCE: E01/1193/WO
; NUMBER OF SEQ ID NOS: 16
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002228
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002228
US-10-257-017B-270751

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

```

```

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 21
; Sequence 271312, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DB 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002606
US-10-257-017B-271312

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      1 AGTATGA 7
Db      1 AGTATGA 7

RESULT 22
; Sequence 271422/c
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271422
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002461
US-10-257-017B-271312

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      1 AGTATGA 7
Db      3 AGTATGA 9

RESULT 24
; Sequence 274643
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274643
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002461
US-10-257-017B-274643

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      1 AGTATGA 7
Db      3 AGTATGA 9

RESULT 25
; Sequence 274645
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274645
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002501
US-10-257-017B-274645

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      1 AGTATGA 7
Db      1 AGTATGA 7

```

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; SEQ ID NO. SEQ ID NOS: 382046
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0005661
; US-10-257-017B-278130

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 26
US-10-257-017B-275436/c
Sequence 275436, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO. 275436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003893
; US-10-257-017B-275436

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 27
US-10-257-017B-278130/c
Sequence 278130, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO. 279165
; LENGTH: 12

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006974
US-10-257-017B-279165

Query Match Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
    |||||
Db 2 AGTATGA 7

RESULT 30
US-10-257-017B-279249
; Sequence 279249, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cyt
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SBQ ID NOS: 382046
SEQ ID NO 279249
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007098
US-10-257-017B-279249

Query Match Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
    |||||
Db 2 AGTATGA 8

RESULT 31
US-10-257-017B-279325
; Sequence 279325, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cyt
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
NUMBER OF SBQ ID NOS: 382046
SEQ ID NO 279325
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007174
US-10-257-017B-279325

Query Match Score 7; DB 18; Length 12;

```

```

Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Nucleotide polymorphisms [SNPs] and cytosines 0

Qy      1 AGTATGA 7
        ||||| |
        3 AGTATGA 9

Db

RESULT 32
US-10-257-017B-279622
; Sequence 279622, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
;   APPLICANT: Alexander Olek
;   APPLICANT: Christian Piepenbrock
;   APPLICANT: Kurt Berlin
;   TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosines
;   TITLE OF INVENTION: methylation
;   FILE REFERENCE: E01/1193/WO
;   CURRENT APPLICATION NUMBER: US/10/257,017B
;   CURRENT FILING DATE: 2002-10-07
;   PRIOR APPLICATION NUMBER: DE 10019173.8
;   PRIOR FILING DATE: 2000-04-07
;   NUMBER OF SEQ ID NOS: 382046
;   SEQ ID NO 279622
;   LENGTH: 12
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;     OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007613
;     OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007613
US-10-257-017B-279622

Query Match          100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Nucleotide polymorphisms [SNPs] and cytosines 0

Qy      1 AGTATGA 7
        ||||| |
        2 AGTATGA 8

Db

RESULT 33
US-10-257-017B-280377
; Sequence 280377, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
;   APPLICANT: Alexander Olek
;   APPLICANT: Christian Piepenbrock
;   APPLICANT: Kurt Berlin
;   TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosines
;   TITLE OF INVENTION: methylation
;   FILE REFERENCE: E01/1193/WO
;   CURRENT APPLICATION NUMBER: US/10/257,017B
;   CURRENT FILING DATE: 2002-10-07
;   PRIOR APPLICATION NUMBER: DE 10019173.8
;   PRIOR FILING DATE: 2000-04-07
;   NUMBER OF SEQ ID NOS: 382046
;   SEQ ID NO 280377
;   LENGTH: 12
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:

```

RESULT 34  
US-10-257-017B-280601/c  
; Sequence 280601, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIORITY NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 280601  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00008828  
US-10-257-017B-280601

Query Match	100.0%	Score 7;	DB 18;	Length 12;
Best Local Similarity	100.0%	Pred. No. 1.3e+05;	Mismatches 0;	Indels 0;
Matches	7;	Conservative 0;	Gaps 0;	

Qy      1 AGTATGA 7  
Db      7 AGTATGA 1

RESULT 35  
US-10-257-017B-280912/c  
; Sequence 280912, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIORITY NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO: 280912  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00009246  
US-10-257-017B-280912

Query Match	100.0%	Score 7;	DB 18;	Length 12;
Best Local Similarity	100.0%	Pred. No. 1.9e+05;	Mismatches 0;	Indels 0;
Matches	7;	Conservative 0;	Gaps 0;	

Qy      1 AGTATGA 7  
Db      9 AGTATGA 3

RESULT 36  
US-10-257-017B-281987/c  
; Sequence 281987, Application US/10257017B  
; Publication No. US20040241651A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek

```

APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: Methylation
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO: 281987
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010235
US-10-257-017B-281987

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 37
US-10-257-017B-282596/C
; sequence 282596, Application US/10257017B
; Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO: 282596
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010900
US-10-257-017B-282596

Query Match 100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
Db 9 AGTATGA 3

RESULT 38
US-10-257-017B-284462
; sequence 284462, Application US/10257017B
; Publication No. US20040241651A1
GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07

```

```

; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012055
; US-10-257-017B-284919

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 AGTATGA 7
Db   1 AGTATGA 10

Search completed: March 22, 2005, 19:09:35
Job time : 252.792 sec(s)

RESULT 39
US-10-257-017B-284463
Sequence 284463, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257.017B
PRIORITY NUMBER: DE 10019173.8
CURRENT FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 284463
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284463

Query Match      100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 AGTATGA 7
Db   1 AGTATGA 7

RESULT 40
US-10-257-017B-284919
Sequence 284919, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257.017B
CURRENT FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 284919
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence

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OM nucleic - nucleic search, using bw model

Run on: March 22, 2005, 04:59:11 ; Search time 43.3333 seconds

(without alignments)  
188.801 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5

Sequence: 1 gtag 5

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters:

1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued\_Patents\_NA.\*

1: /cgnd2\_6/\_ptodata/1/ina/5A COMB.seq\*

2: /cgnd2\_6/\_ptodata/1/ina/5B COMB.seq\*

3: /cgnd2\_6/\_ptodata/1/ina/6A COMB.seq\*

4: /cgnd2\_6/\_ptodata/1/ina/6B COMB.seq\*

5: /cgnd2\_6/\_ptodata/1/ina/PCNTUS COMB.seq\*

6: /cgnd2\_6/\_ptodata/1/ina/backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB	ID	Description
1	5	100.0	5	3	US-08-855-172B-20	Sequence 20, Appl	Sequence 20, Appl
2	5	100.0	5	3	US-09-048-027-4	Sequence 4, Appl	Sequence 4, Appl
3	5	100.0	5	3	US-09-498-051-20	Sequence 20, Appl	Sequence 6, Appl
c 4	5	100.0	7	1	US-08-170-10	Sequence 10, Appl	Sequence 4, Appl
c 5	5	100.0	7	1	US-08-615-170-12	Sequence 12, Appl	Sequence 82, Appl
c 6	5	100.0	7	3	US-09-048-027-3	Sequence 3, Appl	Sequence 151, Appl
c 7	5	100.0	8	4	US-09-142-993-11	Sequence 11, Appl	Sequence 1, Appl
c 8	5	100.0	8	4	US-09-927-086-17	Sequence 17, Appl	Sequence 9, Appl
c 9	5	100.0	9	2	US-08-583-076-1	Sequence 1, Appl	Sequence 4, Appl
10	5	100.0	9	3	US-08-646-089A-8	Sequence 8, Appl	Sequence 4, Appl
11	5	100.0	9	3	US-08-646-789A-80	Sequence 80, Appl	Sequence 21, Appl
12	5	100.0	9	3	US-09-048-027-1	Sequence 1, Appl	Sequence 8, Appl
c 13	5	100.0	9	3	US-09-319-648-68	Sequence 68, Appl	Sequence 33, Appl
c 14	5	100.0	9	4	US-10-096-596-32	Sequence 32, Appl	Sequence 125, Appl
c 15	5	100.0	10	1	US-09-263-190-37	Sequence 37, Appl	Sequence 7, Appl
c 16	5	100.0	10	1	US-09-721-777-19	Sequence 19, Appl	Sequence 9, Appl
c 17	5	100.0	10	1	US-08-335-565A-27	Sequence 27, Appl	Sequence 3, Appl
c 18	5	100.0	10	1	US-08-250-051-1	Sequence 1, Appl	Sequence 18, Appl
c 19	5	100.0	10	1	US-08-232-233-1	Sequence 1, Appl	Sequence 5, Appl
c 20	5	100.0	10	1	US-08-222-177A-422	Sequence 422, Appl	Sequence 12, Appl
c 21	5	100.0	10	1	US-08-351-148-23	Sequence 23, Appl	Sequence 9, Appl
c 22	5	100.0	10	1	US-08-351-148-23	Sequence 25, Appl	Sequence 9, Appl
c 23	5	100.0	10	1	US-08-202-927-25	Sequence 25, Appl	Sequence 3, Appl
c 24	5	100.0	10	1	US-08-430-036A-23	Sequence 23, Appl	Sequence 18, Appl
c 25	5	100.0	10	1	US-08-336A-25	Sequence 25, Appl	Sequence 21, Appl
c 26	5	100.0	10	1	US-08-171-718-45	Sequence 45, Appl	Sequence 5, Appl
c 27	5	100.0	10	2	US-08-703-601-1	Sequence 1, Appl	Sequence 59, Appl

5	100.0	28	US-08-684-547-23	Sequence 23, Appl
5	100.0	29	US-08-684-547-25	Sequence 25, Appl
5	100.0	30	US-08-684-547-25	Sequence 174, Appl
5	100.0	31	US-08-468-09A-174	Sequence 45, Appl
5	100.0	32	US-08-478-087-45	Sequence 24, Appl
5	100.0	33	US-09-063-450-24	Sequence 33, Appl
5	100.0	34	US-09-063-450-33	Sequence 1, Appl
5	100.0	35	US-09-123-638-1	Sequence 30, Appl
5	100.0	36	US-08-646-695-30	Sequence 34, Appl
5	100.0	37	US-08-875-333-31	Sequence 31, Appl
5	100.0	38	US-08-446-872A-174	Sequence 174, Appl
5	100.0	39	US-09-724-533-1	Sequence 1, Appl
5	100.0	40	US-08-762-227A-174	Sequence 174, Appl
5	100.0	41	US-09-475-947A-23	Sequence 23, Appl
5	100.0	42	US-09-427-634A-34	Sequence 34, Appl
5	100.0	43	US-09-445-388A-7	Sequence 7, Appl
5	100.0	44	US-09-508-753B-252	Sequence 252, Appl
5	100.0	45	US-09-508-753B-265	Sequence 265, Appl
5	100.0	46	US-09-508-753B-273	Sequence 273, Appl
5	100.0	47	US-09-508-753B-278	Sequence 278, Appl
5	100.0	48	US-09-508-753B-294	Sequence 294, Appl
5	100.0	49	US-09-508-753B-303	Sequence 303, Appl
5	100.0	50	US-09-508-753B-342	Sequence 342, Appl
5	100.0	51	US-09-508-753B-342	Sequence 396, Appl
5	100.0	52	US-09-508-753B-345	Sequence 405, Appl
5	100.0	53	US-09-508-753B-405	Sequence 406, Appl
5	100.0	54	US-09-508-753B-415	Sequence 415, Appl
5	100.0	55	US-09-508-753B-419	Sequence 419, Appl
5	100.0	56	US-09-508-753B-445	Sequence 445, Appl
5	100.0	57	US-09-508-753B-447	Sequence 447, Appl
5	100.0	58	US-09-508-753B-455	Sequence 458, Appl
5	100.0	59	US-09-508-753B-458	Sequence 459, Appl
5	100.0	60	US-09-508-753B-467	Sequence 467, Appl
5	100.0	61	US-09-508-753B-467	Sequence 11, Appl
5	100.0	62	US-09-489-855-11	Sequence 12, Appl
5	100.0	63	US-09-489-855-12	Sequence 16, Appl
5	100.0	64	US-09-822-250A-16	Sequence 31, Appl
5	100.0	65	US-10-034-350A-16	Sequence 43, Appl
5	100.0	66	US-10-034-350A-16	Sequence 16, Appl
5	100.0	67	US-10-034-350A-16	Sequence 1, Appl
5	100.0	68	PCT-US92-09827-1	Sequence 14, Appl
5	100.0	69	PCT-US95-0185-174	Sequence 30, Appl
5	100.0	70	PCT-US95-02419-25	Patent No. 5198343
5	100.0	71	PCT-US96-06053-30	Patent No. 5198343

ALIGNMENTS

---

RESULT 1  
US-08-855-372B-20  
Sequence 20, Application US/08855372B  
Patent No. 61090549  
GENERAL INFORMATION:  
APPLICANT: Mirzabekov, Andrei D  
APPLICANT: Parinov, Sergei V  
APPLICANT: Barsky, Victor E  
APPLICANT: Kirillov, Eugene V  
APPLICANT: Dubiley, Svetlana A  
TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Method  
NUMBER OF SEQUENCES: 88  
ADDRESSEE: CHERKOV & FLAYNIK  
STREET: 20 N. Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States  
ZIP: 60606

COMPUTER READABLE FORM:

COMPUTER: PC  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/855,372B  
FILING DATE: 13-MAY-97  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. 08/587,332  
FILING DATE: 16-JAN-96  
ATTORNEY/AGENT INFORMATION:  
NAME: Cherkov, Michael J.  
REGISTRATION NUMBER: 33,664  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 621-1330  
TELEFAX: (312) 621-0088  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 bases  
TYPE: nucleic acid  
STRANDEDNESS: No. 6090549 Applicable  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: yes

us-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 1 GTATG 5

RESULT 3  
US-09-498-851-20  
Sequence 20, Application US/09498851  
Patent No. 6440571

GENERAL INFORMATION:  
APPLICANT: Mirzabekov, Andrei D  
APPLICANT: Parinov, Sergei V  
APPLICANT: Barsky, Victor E  
APPLICANT: Kirillov, Eugene V  
APPLICANT: Dubiley, Svetlana A  
TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool.

NUMBER OF SEQUENCES: 88  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHERKOV & FLAYNIK  
STREET: 20 N. Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States  
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.50 inch, 1.4 MB storage  
COMPUTER: PC  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/498,851  
FILING DATE: 16-JAN-96  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. 08/587,332  
FILING DATE: 16-JAN-96  
ATTORNEY/AGENT INFORMATION:  
NAME: Cherkov, Michael J.  
REGISTRATION NUMBER: 33,664  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 621-1330  
TELEFAX: (312) 621-0088  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 bases  
TYPE: nucleic acid  
STRANDEDNESS: No. 6440671 Applicable  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: yes

us-09-498-851-20

Query Match 100.0%; Score 5; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 1 GTATG 5

RESULT 2  
US-09-048-927-4  
Sequence 4, Application US/09048927  
Patent No. 6147056  
GENERAL INFORMATION:  
APPLICANT: Gilchrist, Barbara A.  
APPLICANT: Year, Mina  
APPLICANT: Eller, Mark  
TITLE OF INVENTION: Use of Locally Applied DNA Fragments  
FILE REFERENCE: BU94-60A2  
CURRENT APPLICATION NUMBER: US/09/048,927  
CURRENT FILING DATE: 1998-03-26

Query Match 100.0%; Score 5; DB 3; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 3e+08; Mismatches 0; Indels 0; Gaps 0; Db 5 GTATG 1 RESULT 5

US-08-615-170-12/c Patent No. 576776 Application US/08615170

GENERAL INFORMATION:  
 APPLICANT: ORDAHL, Charles P.  
 APPLICANT: AZAKIE, Anthony  
 APPLICANT: MAR, Janet H.  
 APPLICANT: FARRANCE, Iain K.G.  
 APPLICANT: HALL, Deborah E.  
 APPLICANT: STEWART, Alexandre F.R.  
 APPLICANT: LARKIN, Sarah B.

TITLE OF INVENTION: DTFP-1 ISOFORMS AND USES THEREOF  
 NUMBER OF SEQUENCES: 32  
 CORRESPONDENCE ADDRESS:  
 STREET: Townsend and Townsend Khourie and Crew  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: US  
 ZIP: 94105-1493

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/615,170  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/01526  
 FILING DATE: 06-FEB-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/191,493  
 FILING DATE: 04-FEB-1994  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Heslin, James M.  
 REGISTRATION NUMBER: 29,541  
 REFERENCE/DOCKET NUMBER: 2307U-053120  
 TELECOMMUNICATION: (415) 326-2400  
 TELEFAX: (415) 326-2422  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 7 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 1..7  
 OTHER INFORMATION: /standard name= "Rat beta-Myosin  
 US-08-615-170-12 Score 5; DB 1; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 5; DB 1; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08; Mismatches 0; Indels 0; Gaps 0; Db 5 GTATG 1 RESULT 6

US-09-048-927-3 Application US/09048927  
 Sequence 3, Application US/09048927  
 Patent No. 6147056  
 GENERAL INFORMATION:  
 APPLICANT: Gilchrest, Barbara A.  
 APPLICANT: Yaaf, Mina  
 TITLE OF INVENTION: USE OF LOCALLY APPLIED DNA FRAGMENTS  
 FILE REFERENCE: BU94-68A2  
 CURRENT FILING DATE: 1998-03-26  
 EARLIER APPLICATION NUMBER: 08/1952,697  
 EARLIER FILING DATE: 1996-06-03  
 EARLIER APPLICATION NUMBER: 08/1467,012  
 NUMBER OF SEQ ID NOS: 4  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO: 3  
 LENGTH: 7  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE: OTHER INFORMATION: DNA Fragment

US-09-048-927-3  
 Query Match 100.0%; Score 5; DB 3; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0;

Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 7  
 US-09-142-593-11/c  
 Sequence 11, Application US/09142593  
 Patent No. 6483458  
 GENERAL INFORMATION:  
 APPLICANT: HACKETT ET AL.  
 TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
 NUMBER OF SEQUENCES: 63  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: RAASCH & GEBHARDT, P.A.  
 STREET: 119 NORTH FOURTH STREET, SUITE 203  
 STATE: MINNEAPOLIS  
 COUNTY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.3.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/142,593  
 FILING DATE: 10-SEP-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/040,664  
 FILING DATE: 11-MAR-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/053,868  
 FILING DATE: 28-JUL-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/065,303  
 FILING DATE: 13-NOV-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US98/04687  
 FILING DATE: 11-MAR-1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SANDBERG, VICTORIA A.

US-09-927-886-17/c  
 Sequence 17, Application US/09927886  
 Patent No. 6613752  
 GENERAL INFORMATION:  
 APPLICANT: Yant, Stephen  
 APPLICANT: Kay, Mark A.  
 TITLE OF INVENTION: In Vivo Gene Transfer Using a Transposon System  
 FILE REFERENCE: STAN-160CIP  
 CURRENT APPLICATION NUMBER: US/09/927,886  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: 60/162,279  
 PRIOR FILING DATE: 1999-10-28  
 PRIOR APPLICATION NUMBER: 09/440,301  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 17  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE: OTHER INFORMATION: transposon repeat sequence

US-09-927-886-17  
 Query Match 100.0%; Score 5; DB 4; Length 8;  
 Best Local Similarity 100.0%; Pred. No. 1.9e+08; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 6 GTATG 2

RESULT 9  
 US-08-583-276-1  
 Sequence 1, Application US/08583276  
 Patent No. 5637536  
 GENERAL INFORMATION:  
 APPLICANT: McNaugh, Kevin T.  
 APPLICANT: Nienhuis, Arthur  
 APPLICANT: Tolstoshev, Paul  
 TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN MULTIDRUG RESISTANCE GENES AND IMPROVED SELECTION OF CELLS TRANSDUCED WITH SUCH GENES  
 TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
 ADDRESSEE: Cecchi & Stewart

---

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STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
ZIP: 07068
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
OPERATING SYSTEM: PC-DOS
SOFTWARE: DV4-V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 bases
TYPE: nucleic acid
STRANDEDNESS: singular
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: Genomic DNA
US-08-583-276-1

RESULT 10
US-08-646-789A-8
Query Match 100.0%; Score 5; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Gaps 0;
Indels 0;
Qy 1 GTATG 5
Db 4 GTATG 8

RESULT 11
US-08-646-789A-80
Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Gaps 0;
Indels 0;
MOLECULE TYPE: DNA
Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 12
US-09-048-927-1
Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 2; Conservative 2; Gaps 0;
Indels 0;
MOLECULE TYPE: RNA
Qy 1 GTATG 5
Db 1 GUAG 5

GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-646-789A-80

GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs

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TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 1
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: DNA Fragment
OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match          100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTATG 5
Db      7 GTATG 3

RESULT 14
US-10-096-596-32/c
Sequence 32, Application US/10096596
; Patent No. 6748845
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth W
; APPLICANT: Vogelstein, Bert
; APPLICANT: Velculescu, Victor
; APPLICANT: Zhang, Lin
; TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
; FILE REFERENCE: 001107.00242
; CURRENT APPLICATION NUMBER: US/10/096,596
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 08/527,154
; PRIOR FILING DATE: 1995-09-12
; PRIOR APPLICATION NUMBER: US 08/544,861
; PRIOR FILING DATE: 1995-10-18
; PRIOR APPLICATION NUMBER: US 09/107,228
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 32
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-096-596-32

Query Match          100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTATG 5
Db      7 GTATG 3

RESULT 15
US-09-263-790-37
Sequence 37, Application US/09263790
; Patent No. PP12997
; GENERAL INFORMATION:
; APPLICANT: Nirmal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTER
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 37
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles
; OTHER INFORMATION: plant Jal Pallavi
US-09-263-790-37

Query Match          100.0%; Score 5; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTATG 5
Db      7 GTATG 3

RESULT 16
US-09-263-790-37
Sequence 37, Application US/09263790
; Patent No. PP12997
; GENERAL INFORMATION:
; APPLICANT: Nirmal Kumar PATRA et al.
; TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTER
; FILE REFERENCE: 2761-0120P
; CURRENT APPLICATION NUMBER: US/09/263,790
; CURRENT FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 37
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles
; OTHER INFORMATION: plant Jal Pallavi
US-09-263-790-37

/*
NUMBER OF SEQUENCES: 68
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
Formation for Detection of Nucleic Acid Hybridization
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,844
FILING DATE: 13-DEC-1996
APPLICATION NUMBER: WO PCT/US97/22448
FILING DATE: 10-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Fang, Carol
REGISTRATION NUMBER: 48,631
REFERENCE/DOCKET NUMBER: 015280-288100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-319-648-68

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Db Db 5 GTARG 9

RESULT 16  
 Sequence 19, Application US/09721777  
 Patent No. PP13279

GENERAL INFORMATION:  
 APPLICANT: Khanuja, Suman Preet Singh  
 APPLICANT: Kumar, Sushil  
 APPLICANT: Shasany, Ajit Kumar  
 APPLICANT: Dhawan, Sunita  
 APPLICANT: Darokar, Mahendra Pandurang  
 APPLICANT: Naqvi, Ali Arif  
 APPLICANT: Dhwani, Om Parkash  
 APPLICANT: Singh, Anil Kumar  
 APPLICANT: Patra, Narmal Kumar  
 APPLICANT: Bahl, Janak Raj  
 APPLICANT: Bansal, Ram Paskash

TITLE OF INVENTION: Mint Plant Named Saksham

FILE REFERENCE: 033116-002

CURRENT APPLICATION NUMBER: US/09/721,777

CURRENT FILING DATE: 2000-11-27

NUMBER OF SEQ ID NOS: 20

SEQ ID NO: 19

SOFTWARE: PastSeq for Windows Version 4.0

LENGTH: 10

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: OPT primer

US-09-721-777-19

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTARG 5  
 |||||  
 Db 6 GTARG 10

RESULT 17  
 Sequence 27, Application US/08335565A  
 Patent No. 5527671

GENERAL INFORMATION:  
 APPLICANT: Li, Kening  
 APPLICANT: Rouse, Douglas I.  
 APPLICANT: German, Thomas L.  
 TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE  
 NUMBER OF SEQUENCES: 33  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Quarles and Brady  
 STREET: 1 South Pinckney St., PO BOX 2113  
 CITY: Madison  
 STATE: WI  
 COUNTRY: USA  
 ZIP: 53701-2113  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/335565A  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/790,951  
 FILING DATE: 07-NOV-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Fitting, Thomas  
 REGISTRATION NUMBER: 34,163  
 REFERENCE/DOCKET NUMBER: HBL0002P  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 619-792-3680  
 TELEFAX: 619-792-8477  
 LOCATION: 10

SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: misc\_feature  
 OTHER INFORMATION: /note= "Donor chromophore at the 3'  
 OTHER INFORMATION: T nucleotide"  
 US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

GENERAL INFORMATION: ;  
 APPLICANT: Weber, James L.;  
 TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
 TITLE OF SEQUENCES: (dG-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME  
 NUMBER OF SEQUENCES: 460  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: DeWitt Ross & Stevens, S.C.  
 STREET: 8000 Excelsior Drive, Suite 401  
 CITY: Madison  
 STATE: Wisconsin  
 COUNTRY: USA  
 ZIP: 53717-1914  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/222,177A  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/341,562  
 FILING DATE: 21-APR-1989  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Sara, Charles S.  
 REGISTRATION NUMBER: 30,492  
 REFERENCE/DOCKET NUMBER: 09865.601  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (608) 831-2100  
 TELEFAX: (608) 831-2106  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 422:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-222-177A-422  
 RESULT 21  
 US-08-351-746-3  
 Sequence 23, Application US/08351748  
 Patent No. 5599562  
 GENERAL INFORMATION:  
 APPLICANT: Liang, Peng  
 ADDRESS: Pardue, Arthur B.  
 STREET: Blaicht, Cesario P.  
 CITY: Isolating, Identifying, and Cloning  
 STATE: Boston  
 COUNTRY: MA  
 ZLP: 02109-1891  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

---

RESULT 19  
 US-08-232-233-1/c  
 Sequence 1, Application US/08232233  
 Patent No. 5565322  
 GENERAL INFORMATION:  
 APPLICANT: Michael J. Heller  
 TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE  
 NUMBER OF SEQUENCES: 11  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 611 West Sixth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: USA  
 ZIP: 90017  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
 SOFTWARE: WordPerfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/232,233  
 FILING DATE: May 4, 1994  
 CLASSIFICATION: 435  
 COMPUTER: IBM Compatible  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 07/790,262  
 FILING DATE: No. 5565322ember 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Murphy, David B.  
 REGISTRATION NUMBER: 31,125  
 REFERENCE/DOCKET NUMBER: 207/170  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 10  
 OTHER INFORMATION: /note--"Donor chromophore at the 3' T nucleotide"

RESULT 20  
 US-08-222-177A-422/c  
 Sequence 422, Application US/08222177A  
 Patent No. 5582979

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/351,748  
 FILING DATE: 435  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/033,084  
 FILING DATE: 11-MAR-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kaplan Esg., Warren A.  
 REGISTRATION NUMBER: 34,199  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 248-5000  
 TELEFAX: (617) 248-4000  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 US-08/351-748-23

Query Match Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 1 GTATG 5

RESULT 23  
 US-08-202-927-25/C  
 ; Sequence 25, Application US/08202927  
 ; Patent No. 5646126  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Chang, Yung-chi  
 ; Lukhtanov, Eugene A.  
 ; Meyer Jr., Rich B.  
 ; Pat, Balakrishna S.  
 ; APPLICANT: Reed, Michael W.  
 ; APPLICANT: Zhou, James H.  
 ; TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having  
 ; TOPOLYMERIC ACTIVITY  
 ; NUMBER OF SEQUENCES: 70  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Klein & Sekeres  
 ; STREET: 4199 Campus Drive, Suite 700  
 ; CITY: Irvine  
 ; STATE: CA  
 ; COUNTRY: U.S.A.  
 ; ZIP: 92715  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/202,927  
 FILING DATE: 28-FEB-1994  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Sekeres, Gabor L.  
 REGISTRATION NUMBER: 28,675  
 REFERENCE/DOCKET NUMBER: 491-07 PA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (714) 854-5502  
 TELEFAX: (714) 854-4897  
 INFORMATION FOR SEQ ID NO: 25:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: modified\_base  
 LOCATION: 10  
 OTHER INFORMATION: /mod\_base= OTHER  
 /note= "Nucleotide 10 has a tail which comprises  
 a cholesterol moiety which has its A ring linked to  
 the 3'-phosphate through a carbonyl group attached  
 to the ring nitrogen of a moiety derived from  
 4-hydroxymethylpyrrolidine (see  
 formula 3)."

US-08-202-927-25

Query Match Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;

RESULT 24

US-08-430-536A-23

Sequence 23, Application US/08430536A

Patent No. 5665547

GENERAL INFORMATION:

APPLICANT: Liang, Peng

APPLICANT: Pardee, Arthur B.

TITLE OF INVENTION: MESSENGER RNAs

NUMBER OF SEQUENCES: 27

REFERENCE/DOCKET NUMBER: 181411-012

TELECOMMUNICATION INFORMATION:

ADDRESSEE: CHOATE, HALL & STEWART

STREET: 53 State Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02109-2891

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/430,536A

FILING DATE: 25-APR-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Herschbach Ph.D., Brenda M.

REGISTRATION NUMBER: 39,223

REFERENCE/DOCKET NUMBER: 181411-012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-5000

TELEFAX: (617) 248-4000

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-430-536A-25

Query Match Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

US-08-430-536A-25

Query Match Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

RESULT 26

US-08-171-718-45

Sequence 45, Application US/08171718

Patent No. 5707863

GENERAL INFORMATION:

APPLICANT: Trofatter, James A.

APPLICANT: MacCollin, Mia M.

APPLICANT: Gusella, Jane F.

TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses

TITLE OF INVENTION: Thereof

NUMBER OF SEQUENCES: 120

CORRESPONDENCE ADDRESS:

ADRESSEE: Sterne, Kessler, Goldstein & Fox

STREET: 1100 New York Avenue, N.W., Suite 600

CITY: Washington

STATE: D.C.

COUNTY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/171,718

FILING DATE: 22-DEC-1993

CLASSIFICATION: 436

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/108,808

FILING DATE: 19-AUG-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/022,034

FILING DATE: 25-FEB-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/026,063

RESULT 25

US-08-430-536A-25

Sequence 25, Application US/08430536A

Patent No. 5665547

GENERAL INFORMATION:

APPLICANT: Liang, Peng

APPLICANT: Pardee, Arthur B.

TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING

TITLE OF INVENTION: MESSENGER RNAs

NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSEE: CHOATE, HALL & STEWART

STREET: 53 State Street

CITY: Boston

```

PILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.38500003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
SEQUENCE FOR SEQ ID NO: 45:
SEQUENCES CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDBNESS: Single
TOPOLOGY: linear
US-08-171-718-45

Query Match 100.0% Score 5; DB 1; Length 10;
Best Local Similarity 100.0% Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 27
US-08-703-601-1/C
Sequence 1, Application US/08703601
Patent No. 5849489
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: THEIR USE
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Worfperfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,601
FILING DATE: August 23, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/232,233
FILING DATE: May 5, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDBNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-703-601-1

Query Match 100.0% Score 5; DB 2; Length 10;
Best Local Similarity 100.0% Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 28
US-08-684-547-23
Sequence 23, Application US/08684547
Patent No. 5965409
GENERAL INFORMATION:
APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph. D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
OF INVENTION: OF tRNAs
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0181411-0013
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDBNESS: single
TOPOLOGY: Linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-684-547-23

Query Match 100.0% Score 5; DB 2; Length 10;
Best Local Similarity 100.0% Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 29
US-08-684-547-25
Sequence 25, Application US/08684547
Patent No. 5965409
GENERAL INFORMATION:

```

APPLICANT: Pardue Ph.D., Arthur B.  
 APPLICANT: Liang Ph.D., Peng  
 TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CHORATE, HALL & STEWART  
 CITY: Boston  
 STATE: MA  
 ZIP: 02109-2891  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/684,547  
 FILING DATE: 19-JUL-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jarrell Ph.D., Brenda H.  
 REGISTRATION NUMBER: 39,233  
 REFERENCE/DOCKET NUMBER: 0181411-0013  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 248-4000  
 TELEX/FAX: (617) 248-4000  
 INFORMATION FOR SEQ ID NO: 25:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 ANTI-SENSE: NO  
 US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 1 GTATG 5

RESULT 30  
 US-08-469-318-174  
 Sequence 174 Application US/08469318  
 Patent No. 60,2535  
 GENERAL INFORMATION:  
 APPLICANT:  
 TITLE OF INVENTION: Multivarient IL-3 Hematopoiesis Fusion  
 NUMBER OF SEQUENCES: Protein  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/469,318  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 INFORMATION FOR SEQ ID NO: 174:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTION: /desc = "synthetic DNA"  
 US-08-468-609A-174

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5

Db           |||||  
       6      GTATG 10

---

**RESULT 32**  
 US-08-478-087-45  
 ; Sequence 45, Application US/08478087  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Trofatter, James A.  
 ; APPLICANT: MacCollin, Mia M.  
 ; APPLICANT: Gusella, James P.  
 ; TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
 ; NUMBER OF SEQUENCES: 120  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Stern, Kessler, Goldstein & Fox  
 ; STREET: 1100 New York Avenue, N.W., Suite 600  
 ; CITY: Washington  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20005-3934  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0., Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/478,087  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/171,718  
 FILING DATE: 22-DEC-1993  
 APPLICATION NUMBER: US 08/108,808  
 FILING DATE: 19-AUG-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/022,034  
 FILING DATE: 25-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/026,063  
 FILING DATE: 04-MAR-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brown, Anne  
 REGISTRATION NUMBER: 36,463  
 REFERENCE/DOCKET NUMBER: 0609.3850003  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEX/FAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 45:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 US-08-478-087-45

; TITLE OF INVENTION: Clusters Within a Set of Sequences  
; FILE REFERENCE: 77001.002  
; CURRENT APPLICATION NUMBER: US/09/063,450  
; CURRENT FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 24  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:example  
; OTHER INFORMATION: sequence illustrating a computational methodology  
; US-09-063,450-24

Query Match   100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1    GTATG 5  
 Db    1    GTATG 1

---

**RESULT 33**  
 US-09-063-450-24/C  
 ; Sequence 24, Application US/09063450  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gene Logic, Inc.  
 ; TITLE OF INVENTION: Method and System for Computationally Identifying  
 ; NUMBER OF SEQUENCES: 11  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: USA

Query Match   100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1    GTATG 5  
 Db    1    GTATG 5

---

**RESULT 34**  
 US-09-063-450-33  
 ; Sequence 33, Application US/09063450  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gene Logic, Inc.  
 ; TITLE OF INVENTION: Method and System for Computationally Identifying  
 ; NUMBER OF SEQ ID NOS: 38  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO: 33  
 ; LENGTH: 10  
; TITLE OF INVENTION: Clusters Within a Set of Sequences  
; FILE REFERENCE: 77001.002  
; CURRENT APPLICATION NUMBER: US/09/063,450  
; CURRENT FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 33  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:example  
; OTHER INFORMATION: sequence illustrating a computational methodology  
; US-09-063-450-33

Query Match   100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Qy   1    GTATG 5  
 Db    1    GTATG 7

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**RESULT 35**  
 US-09-123-638-1/C  
 ; Sequence 1, Application US/09123638  
 ; Patent No. 6162603  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael J. Heller  
 ; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC  
 ; STRUCTURES BASED ON CHROMOPHORE-  
 ; AND FLUOROPHORE-CONTAINING  
 ; POLYNUCLEOTIDES AND METHODS OF  
 ; USE  
 ; NUMBER OF SEQUENCES: 11  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: USA

Query Match   100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Indels 0; Gaps 0;

Qy   1    GTATG 5  
 Db    1    GTATG 5

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; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/123,638
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/703,601
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kappos, John
; REGISTRATION NUMBER: 37,861
; REFERENCE/DOCKET NUMBER: 221/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 925-0440
; TELEX: 67-3510
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromophore at the 3' T
; OTHER INFORMATION: nucleotide"
US-09-123-638-1

Query Match Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 8 GTATG 4

RESULT 36
US-08-646-695-30
; Sequence 30, Application US/08646695
; Patent No. 616943
; GENERAL INFORMATION:
; APPLICANT: Rose, John K.
; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNITE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/646,695
; FILING DATE: On Even Date Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie

Query Match Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5
Db 1 GTATG 5

RESULT 38
US-08-446-872A-174
; Sequence 174, Application US/08446872A
; Patent No. 6161977
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; ATTORNEY/AGENT INFORMATION:
; NAME: Bauer, S. C.
;
```

```

; / APPLICANT: Bradford-Goldberg, Sarah R.
; / APPLICANT: Caparon, Maire H.
; / APPLICANT: Easton, Alan M.
; / APPLICANT: Klein, Barbara K.
; / APPLICANT: McKearn, John P.
; / APPLICANT: Oline, Peter O.
; / APPLICANT: Paik, Kumman J.
; / APPLICANT: Thomas, John W.
; / TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
; / TITLE OF INVENTION: Fusion Protein
; / NUMBER OF SEQUENCES: 197
; / CORRESPONDENCE ADDRESS:
; / ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,
; / STREET: Corporate Patent Dept.
; / CITY: P. O. Box 5110
; / STATE: Illinois
; / COUNTRY: USA
; / ZIP: 60680
; / COMPUTER READABLE FORM:
; / MEDIUM TYPE: Floppy disk
; / COMPUTER: IBM PC compatible
; / OPERATING SYSTEM: PC-DOS/MS-DOS
; / SOFTWARE: PatentIn Release #1.0, Version #1.25
; / CURRENT APPLICATION DATA:
; / APPLICATION NUMBER: US/08/446,872A
; / FILING DATE: 06-JUN-1995
; / CLASSIFICATION: 424
; / PRIOR APPLICATION DATA:
; / APPLICATION NUMBER: US/08/192,325
; / FILING DATE: 14-FEB-1994
; / ATTORNEY/AGENT INFORMATION:
; / NAME: Bennett, Dennis B.
; / REGISTRATION NUMBER: 34,547
; / REFERENCE/DOCKET NUMBER: C-2790/1
; / TELECOMMUNICATION INFORMATION:
; / TELEPHONE: (314)737-6986
; / TELEFAX: (314)737-6572
; / INFORMATION FOR SEQ ID NO: 174:
; / SEQUENCE CHARACTERISTICS:
; / LENGTH: 10 base pairs
; / TYPE: nucleic acid
; / STRANDEDNESS: single
; / TOPOLOGY: linear
; / MOLECULE TYPE: other nucleic acid
; / DESCRIPTION: /desc = "synthetic DNA"
; / US-08-446-872A-174

Query Match          100.0%; Score 5; DB 3; Length 9
Best Local Similarity 100.0%; Pred. No. 3e+05; Mismatches 0; Ind 0
Matches 5; Conservative 0; Mismatches 0; Ind 0

Qy      1 GTATG 5
Dbo     6 GTATG 10

RESULT 39
US-09-724-753-1/c
; Sequence 1, Application US/09724753
; Patent No. 641653
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC STRUCTURES BASED ON CERROMOPHIC AND FLUOROPHORE-CONTAINING POLYNUCLEOTIDES AND METHODS OF
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

```

ZIP: 60680 COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA: Patent In Release #1.0, Version #1.25  
APPLICATION NUMBER: US/08/762,227A  
FILING DATE: 09-Dec-1996  
CLASSIFICATION: <Unknown>  
PRIORITY APPLICATION NUMBER: US 08/192,325  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: US 08/446,872  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C-2790/5  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6881  
INFORMATION FOR SEQ ID NO: 174:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 174:  
US-08-762-227A-174

Query Match Score 5; DB 3; Length 10;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 10

Search completed: March 22, 2005, 10:49:12  
Job time : 47.3333 secs

GenCore version 5.1.6  
(c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 177.708 seconds

(without alignments)  
167.500 Million cell updates/sec

Title: US-09-540-843-4

Perfect score: 5

Sequence: 1 grtag 5

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 554816 seqs, 2976611598 residues

Total number of hits satisfying chosen parameters:

5770552

Minimum DB seq length: 0  
Maximum DB seq length: 200

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 100 summaries

Database : Published\_Applications\_NA:\*

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3: /cgns\_6/ptodata/2/pubpna/us06\_NEW\_PUB.seq:/\*  
4: /cgns\_6/ptodata/2/pubpna/us05\_PUBCOMB.seq:/\*  
5: /cgns\_6/ptodata/2/pubpna/us07\_NEW\_PUB\_seq:/\*  
6: /cgns\_6/ptodata/2/pubpna/PCTUS\_PUBCOMB.seq:/\*  
7: /cgns\_6/ptodata/2/pubpna/us08\_NEW\_PUB.seq:/\*  
8: /cgns\_6/ptodata/2/pubpna/us08\_PUBCOMB.seq:/\*  
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10: /cgns\_6/ptodata/2/pubpna/us09\_PUBCOMB.seq:/\*  
11: /cgns\_6/ptodata/2/pubpna/us09C\_PUBCOMB.seq:/\*  
12: /cgns\_6/ptodata/2/pubpna/us09\_NEW\_PUB.seq:/\*  
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20: /cgns\_6/ptodata/2/pubpna/us11\_NEW\_PUB.seq:/\*  
21: /cgns\_6/ptodata/2/pubpna/us10C\_NEW\_PUB.seq:/\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match Length DB ID	Description
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c 4	5	100.0	5 14 US-10-122-633-6 Sequence 6, App1
c 5	5	100.0	5 13 US-10-027-632-178029 Sequence 178029, App1
c 6	5	100.0	7 13 US-10-027-632-178043 Sequence 178043, App1
c 7	5	100.0	7 14 US-10-122-630-3 Sequence 7, App1
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9	5	100.0	7 14 US-10-122-633-3 Sequence 3, App1
10	5	100.0	7 14 US-10-122-633-7 Sequence 7, App1
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5	100.0	7 17 US-10-027-632-178043 Sequence 178043, App1
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c 13	5	9 US-09-927-586-17 Sequence 17, App1
c 14	5	8 9 US-09-861-014-6 Sequence 6, App1
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c 17	5	100.0 8 15 US-10-128-560-224 Sequence 224, App1
c 18	5	100.0 8 16 US-10-191-698-11 Sequence 11, App1
c 19	5	100.0 8 17 US-10-314-578-1138 Sequence 11, App1
c 20	5	100.0 8 17 US-10-332-114-5 Sequence 5, App1
c 21	5	100.0 8 17 US-10-608-516-17 Sequence 17, App1
c 22	5	100.0 8 18 US-10-742-740-3 Sequence 3, App1
c 23	5	100.0 8 18 US-10-61-108-9 Sequence 9, App1
c 24	5	100.0 9 10 US-09-990-186-223 Sequence 623, App1
c 25	5	100.0 9 10 US-09-990-186-2220 Sequence 2220, App1
c 26	5	100.0 9 10 US-09-990-186-2256 Sequence 2256, App1
c 27	5	100.0 9 10 US-09-989-594-223 Sequence 623, App1
c 28	5	100.0 9 10 US-09-989-994-2220 Sequence 2220, App1
c 29	5	100.0 9 10 US-09-989-994-2256 Sequence 2256, App1
c 30	5	100.0 9 14 US-10-122-633-1 Sequence 1, App1
c 31	5	100.0 9 14 US-10-096-596-322 Sequence 32, App1
c 32	5	100.0 9 17 US-10-378-558A-13 Sequence 13, App1
c 33	5	100.0 9 17 US-10-427-629-3 Sequence 3, App1
c 34	5	100.0 10 8 US-08-935-377-16 Sequence 16, App1
c 35	5	100.0 10 9 US-09-822-250-16 Sequence 16, App1
c 36	5	100.0 10 9 US-09-398-599-31 Sequence 31, App1
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c 40	5	100.0 10 10 US-09-990-186-622 Sequence 636, App1
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c 42	5	100.0 10 10 US-09-990-186-1338 Sequence 1341, App1
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c 51	5	100.0 10 10 US-09-989-994-1342 Sequence 73, App1
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c 61	5	100.0 10 13 US-10-033-145-979 Sequence 1023, App1
c 62	5	100.0 10 13 US-10-033-145-1023 Sequence 1566, App1
c 63	5	100.0 10 13 US-10-033-145-1052 Sequence 1053, App1
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c 65	5	100.0 10 13 US-10-033-145-1134 Sequence 1243, App1
c 66	5	100.0 10 13 US-10-033-145-1255 Sequence 1551, App1
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c 69	5	100.0 10 13 US-10-033-145-166 Sequence 1724, App1
c 70	5	100.0 10 13 US-10-033-145-166 Sequence 1820, App1
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c 80	5	100.0 10 15 US-10-209-676-34 Sequence 34, App1
c 81	5	100.0 10 16 US-10-329-465-10 Sequence 10, App1
c 82	5	100.0 10 16 US-10-329-465-30 Sequence 30, App1
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RESULT 1  
US-10-122-630-4  
; Sequence 4, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; ATTORNEY: Eller, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT APPLICATION NUMBER: US/10122, 630  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 08/467, 012  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US96/08386  
; PRIOR FILING DATE: 1996-06-03  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO 4  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

## ALIGNMENTS

RESULT 2  
US-10-122-630-4  
; Sequence 6, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; ATTORNEY: Eller, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT APPLICATION NUMBER: US/10122, 630  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 08/467, 012  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO 4  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

RESULT 3  
US-10-122-633-4  
; Sequence 4, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; ATTORNEY: Eller, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-019  
; CURRENT APPLICATION NUMBER: US/10122, 633  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 09/540, 843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO 4  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

RESULT 4  
US-10-122-633-5/c  
; Sequence 6, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; ATTORNEY: Eller, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides

Query 1 GTATG 5  
Db 1 GTATG 5  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

Query 1 GTATG 5  
Db 1 GTATG 5  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

Query 1 GTATG 5  
Db 1 GTATG 5  
; OTHER INFORMATION: Synthetic DNA Fragment  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment

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; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Biller, Mark S.
; APPLICANT: Yaar, Minna
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLES OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Synthetic DNA Fragment
; OTHER INFORMATION: Synthetic DNA Fragment
us-10-122-633-6

Query Match 100.0%; Score 5; DB 14; Length 5;
Best Local Similarity 100.0%; Pred. No. 1..e+09; Mismatches 0; Indels 0

Qy 1 GTATG 5
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RESULT 5
US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999/11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
; OTHER INFORMATION: Synthetic DNA Fragment
us-10-027-632-178029

Query Match 100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 8.2e+08; Mismatches 0; Indels 0

Qy 1 GTATG 5
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RESULT 6
US-10-027-632-178043/C
Sequence 178043, Application US/10027632
Publication No. US2002019371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108837.129
TITLE OF INVENTION: Polymorphisms in the Human Genome
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 178043
LENGTH: 7
TYPE: DNA
ORGANISM: Human
US-10-027-632-178043

RESULT 7
US-10-122-630-3
Sequence 3, Application US/10122630
Publication No. US20030032610A1
GENERAL INFORMATION:
APPLICANT: Gilchrist, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR FILING DATE: 1995-06-06
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR FILING DATE: 1996-06-03
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 7
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Synthetic DNA Fragment

```

US-10-122-630-3  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 SEQ ID NO 3

Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 8  
 US-10-122-630-7  
 ; Sequence 7, Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
 ; FILE REFERENCE: 0054\_1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 09/048,927  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 7  
 ; LENGTH: 7  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-630-7  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 SEQ ID NO 3

Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 9  
 US-10-122-633-3  
 ; Sequence 3, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
 ; FILE REFERENCE: 0054\_1088-019  
 ; CURRENT APPLICATION NUMBER: US/10/122,633  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 3

Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 10  
 US-10-122-633-7  
 ; Sequence 7, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
 ; FILE REFERENCE: 0054\_1088-019  
 ; CURRENT APPLICATION NUMBER: US/10/122,633  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 7  
 ; LENGTH: 7  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-633-7  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 11  
 US-10-027-632-178029/C  
 ; Sequence 178029, Application US/10027632  
 ; Publication No. US20030204075A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; APPLICANT: Polymorphisms in the Human Genome  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; CURRENT APPLICATION NUMBER: US/10/027,632  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/218,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676  
 ; PRIOR FILING DATE: 2000-04-20  
 ; PRIOR APPLICATION NUMBER: US 60/193,483  
 ; PRIOR FILING DATE: 2000-03-29  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; PRIOR APPLICATION NUMBER: US 60/185,218  
 ; PRIOR FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/167,363  
 ; PRIOR FILING DATE: 1999-11-23  
 ; PRIOR FILING DATE: 1999-11-23

Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 2 GTATG 6

PRIOR APPLICATION NUMBER: US 60/156,358  
 PRIOR FILING DATE: 1999-09-28  
 PRIOR APPLICATION NUMBER: US 60/146,002  
 PRIOR FILING DATE: 1999-08-09  
 NUMBER OF SEQ ID NOS: 325/20  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 1'78029  
 LENGTH: 7  
 TYPE: DNA  
 ORGANISM: Human  
 US-10-027-632-178029

Query Match 100.0%; Score 5; DB 17; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 5 GTATG 1

RESULT 12  
 Sequence 178043, Application US/10027632  
 Publication No. US20030204075A9  
 GENERAL INFORMATION:  
 APPLICANT: Wang, David G.  
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
 FILE REFERENCE: 108827.129  
 CURRENT APPLICATION NUMBER: US/10/027,632  
 CURRENT FILING DATE: 2002-04-30  
 PRIOR APPLICATION NUMBER: US 60/218,006  
 PRIOR FILING DATE: 2000-07-12  
 PRIOR APPLICATION NUMBER: US 60/198,676  
 PRIOR FILING DATE: 2000-04-20  
 PRIOR APPLICATION NUMBER: US 60/193,483  
 PRIOR FILING DATE: 2000-03-29  
 PRIOR APPLICATION NUMBER: US 60/185,218  
 PRIOR FILING DATE: 2000-02-24  
 PRIOR APPLICATION NUMBER: US 60/167,363  
 PRIOR FILING DATE: 1999-11-23  
 PRIOR APPLICATION NUMBER: US 60/156,358  
 PRIOR FILING DATE: 1999-09-28  
 PRIOR APPLICATION NUMBER: US 60/146,002  
 PRIOR FILING DATE: 1999-08-09  
 NUMBER OF SEQ ID NOS: 325/20  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 1'78043  
 LENGTH: 7  
 TYPE: DNA  
 ORGANISM: Human  
 US-10-027-632-178043

Query Match 100.0%; Score 5; DB 17; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
 Db 5 GTATG 1

RESULT 14  
 US-09-927-886-17/c  
 Sequence 17, Application US/09927886  
 Patent No. US20030103152A1  
 GENERAL INFORMATION:  
 APPLICANT: Kay, Mark A.  
 TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a PILE System  
 FILE REFERENCE: STAN-160CIP  
 CURRENT APPLICATION NUMBER: US/09/927,886  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: 60/162,279  
 PRIOR FILING DATE: 1999-10-28  
 PRIOR APPLICATION NUMBER: 09/440,301  
 PRIOR FILING DATE: 1999-11-17  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 17  
 LENGTH: 8  
 TYPE: DNA

RESULT 13  
 US-09-142-593-11/c  
 Sequence 11, Application US/09142593  
 Patent No. US2003016975A1  
 GENERAL INFORMATION:  
 APPLICANT: HACKETT ET AL.  
 TITLE OF INVENTION: DNA-BASED TRANSPORTON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
 NUMBER OF SEQUENCES: 63  
 CORRESPONDENCE ADDRESS:

ORGANISM: Artificial Sequence  
 FEATURE: OTHER INFORMATION: transposon repeat sequence  
 US-09-927-886-17

Query Match	100.0%	Score 5;	DB 9;	Length 8;
Best Local Similarity	100.0%	Pred. No.	7.2e+08;	
Matches 5;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy 1 GTATG 5  
 Db 6 GTATG 2

RESULT 15  
 US-09-861-014-6/c  
 Sequence 6, Application US/09861014  
 Patent No. US2002011516A1  
 GENERAL INFORMATION:  
 APPLICANT: Steer, Clifford  
 Kren, Betty  
 APPLICANT: Linehan-Shieers, Cheryle  
 McIvor, R.  
 APPLICANT: Hackett, Perry  
 TITLE OF INVENTION: Composition for Delivery of Compounds to Cells  
 FILE REFERENCE: 110.01320101  
 CURRENT APPLICATION NUMBER: US/09/861,014  
 CURRENT FILING DATE: 2001-05-19  
 PRIOR APPLICATION NUMBER: US 60/206,002  
 PRIOR FILING DATE: 2000-05-19  
 PRIOR PUBLISHING DATE: 2001-04-20  
 NUMBER OF SEQ ID NOS: 10  
 SEQ ID NO 6  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Direct repeat sequence  
 US-09-861-014-6

Query Match	100.0%	Score 5;	DB 9;	Length 8;
Best Local Similarity	100.0%	Pred. No.	7.2e+08;	
Matches 5;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy 1 GTATG 5  
 Db 6 GTATG 2

RESULT 16  
 US-10-159-11/c  
 Sequence 11, Application US/10263159  
 Publication No. US20030124468A1  
 GENERAL INFORMATION:  
 APPLICANT: HACKETT ET AL.  
 TITLE OF INVENTION: DNA-BASED TRANPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
 NUMBER OF SEQUENCES: 63  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.  
 STREET: 119 NORTH FOURTH STREET, SUITE 203  
 CITY: MINNEAPOLIS  
 STATE: MINNESOTA  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/263,159  
 FILING DATE: 02-Oct-2002  
 CLASSIFICATION: <Unknown>  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US/09/142,593  
 FILING DATE: 10-SEP-1998  
 APPLICATION NUMBER: 60/040,664  
 FILING DATE: 11-MAR-1997  
 APPLICATION NUMBER: 60/053,868  
 FILING DATE: 28-JUL-1997  
 APPLICATION NUMBER: 60/065,303  
 FILING DATE: 13-NOV-1997  
 APPLICATION NUMBER: PCT/US98/04687  
 FILING DATE: 11-MAR-1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SANDBERG, VICTORIA A.  
 REGISTRATION NUMBER: 41,287  
 PRIORITY/DOCKET NUMBER: 110.00450101  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 612-305-1226  
 TELEFAX: 612-305-1228  
 INFORMATION FOR SEQ ID NO: 11:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 base pairs  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
 US-10-263-159-11  
 Query Match 100.0%; Score 5; DB 15; Length 8;  
 Best Local Similarity 100.0%; Prod. No. 7.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 6 GTATG 2

RESULT 17  
 US-10-128-560-224  
 Sequence 22, Application US/10128560  
 Publication No. US20030134272A1  
 GENERAL INFORMATION:  
 APPLICANT: University Gent  
 FILE REFERENCE: UG-005-PCT  
 CURRENT APPLICATION NUMBER: US/10/128,560  
 CURRENT FILING DATE: 2002-04-18  
 PRIORITY APPLICATION NUMBER: EP 99870216.1  
 PRIORITY FILING DATE: 1999-10-18  
 PRIORITY APPLICATION NUMBER: EP 00870122.9  
 PRIORITY FILING DATE: 2000-06-05  
 PRIORITY APPLICATION NUMBER: US 60/211,929  
 PRIORITY FILING DATE: 2000-06-16  
 NUMBER OF SEQ ID NOS: 264  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 224  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-128-560-224  
 Query Match 100.0%; Score 5; DB 15; Length 8;  
 Best Local Similarity 100.0%; Prod. No. 7.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 3 GTATG 7

**RESULT 18**  
 US-10-191-698-11/C  
 ; Sequence 11, Application US/10191698  
 ; Publication No. US20030154500A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hackett, P. B.  
 ; APPLICANT: Clark, Kari J.  
 ; APPLICANT: Ivics, Zoltan  
 ; APPLICANT: Izsavat, Zsuzsanna  
 ; APPLICANT: Scott C. Fahrenkrug  
 ; TITLE OF INVENTION: NUCLEAR ACID TRANSFER VECTOR FOR THE INTRODUCTION OF NUCLEAR ACID INTO THE DNA OF A CELL  
 ; FILE REFERENCE: 110.00870102  
 ; CURRENT APPLICATION NUMBER: US/10/191,698  
 ; CURRENT FILING DATE: 2002-07-09  
 ; NUMBER OF SEQ ID NOS: 75  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 11  
 ; LENGTH: 8  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: A portion of a direct repeat sequence  
 ; OTHER INFORMATION: direct repeat sequence  
 US-10-191-698-11

Qy	1 GTATG 5	Score 5; DB 16; Length 8;
		Best Local Similarity 100.0%; Pred. No. 7.2e+08; Mismatches 0; Indels 0; Gaps 0;
Db	6 GTATG 2	Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**RESULT 19**  
 US-10-314-578-1138  
 ; Sequence 1138, Application US/10314578  
 ; Publication No. US20030212026A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krieg, Arthur M.  
 ; APPLICANT: Schechter, Christian  
 ; APPLICANT: Vollmer, Jorg  
 ; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
 ; FILE REFERENCE: CL039/7035 (HCL/MAT)  
 ; CURRENT FILING DATE: 2002-12-09  
 ; PRIOR APPLICATION NUMBER: US 60/156,113  
 ; PRIOR FILING DATE: 1999-09-25  
 ; PRIOR APPLICATION NUMBER: US 60/156,135  
 ; PRIOR FILING DATE: 1999-09-27  
 ; PRIOR APPLICATION NUMBER: US 60/227,436  
 ; PRIOR FILING DATE: 2000-08-23  
 ; NUMBER OF SEQ ID NOS: 1145  
 ; SOFTWARE: PastSeq for Windows Version 3.0  
 ; SEQ ID NO: 1138  
 ; LENGTH: 8  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic Sequence

Qy	1 GTATG 5	Score 5; DB 17; Length 8;
		Best Local Similarity 100.0%; Pred. No. 7.2e+08; Mismatches 0; Indels 0; Gaps 0;
Db	3 GTATG 7	Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

**RESULT 20**

**RESULT 21**  
 US-10-332-914-5  
 ; Sequence 5, Application US/10332914  
 ; Publication No. US20040025200A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Unicorp Ltd  
 ; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its Escape by a Recoverable Block of Function (RBF) System  
 ; FILE REFERENCE: A0420BC-  
 ; CURRENT APPLICATION NUMBER: US/10/332,914  
 ; CURRENT FILING DATE: 2003-01-14  
 ; PRIOR APPLICATION NUMBER: US 09/617,543  
 ; PRIOR FILING DATE: 2000-07-14  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670  
 ; PRIOR FILING DATE: 2001-07-16  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SEQ ID NO: 5  
 ; LENGTH: 8  
 ; TYPE: RNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: -  
 ; FEATURE:  
 ; OTHER INFORMATION: 5' exon/intron boundary site  
 US-10-332-914-5

Qy	1 GTATG 5	Score 5; DB 17; Length 8;
		Best Local Similarity 60.0%; Pred. No. 7.2e+08; Mismatches 0; Indels 0; Gaps 0;
Db	3 GUAG 7	Matches 3; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

**RESULT 22**

**RESULT 23**  
 US-10-608-516-17/c  
 ; Sequence 17, Application US/10608516  
 ; Publication No. US20040092471A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Yant, Stephen  
 ; APPLICANT: Kay, Mark A.  
 ; APPLICANT: Yant, Stephen  
 ; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a Sleeping Beauty Transposon System  
 ; FILE REFERENCE: STAN-160CIP  
 ; CURRENT APPLICATION NUMBER: US/10/608,516  
 ; CURRENT FILING DATE: 2003-06-26  
 ; PRIOR APPLICATION NUMBER: US/03/927,886  
 ; PRIOR FILING DATE: 2001-08-10  
 ; PRIOR APPLICATION NUMBER: 60/162,279  
 ; PRIOR FILING DATE: 1999-10-28  
 ; PRIOR APPLICATION NUMBER: 09/440,301  
 ; PRIOR FILING DATE: 1999-11-17  
 ; NUMBER OF SEQ ID NOS: 19  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO: 17  
 ; LENGTH: 8  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: transposon repeat sequence  
 US-10-608-516-17

Qy	1 GTATG 5	Score 5; DB 17; Length 8;
		Best Local Similarity 100.0%; Pred. No. 7.2e+08; Mismatches 0; Indels 0; Gaps 0;
Db	6 GTATG 2	Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-742-740-3/c  
; Sequence 3 ; Application US/10742740  
; Publication No. US20000234504A1  
; GENERAL INFORMATION:  
; APPLICANT: VERMA, Indra M.  
; APPLICANT: TISCORNIA, Gustavo  
; APPLICANT: SINGER, Oded  
; TITLE OF INVENTION: METHODS OF INHIBITING GENE EXPRESSION BY RNA INTERFERENCE  
; FILE REFERENCE: 66671-086  
; CURRENT APPLICATION NUMBER: US/10/742,740  
; CURRENT FILING DATE: 2003-12-18  
; PRIOR APPLICATION NUMBER: 60/434,523  
; PRIOR FILING DATE: 2002-12-18  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 3  
; LENGTH: 8  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic

RESULT 23  
US-10-861-108-9/c  
; Sequence 9 ; Application US/10861108  
; Publication No. US20050003542A1  
; GENERAL INFORMATION:  
; APPLICANT: Yant, Stephen  
; APPLICANT: Kay, Mark A.  
; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon System and Methods for Using the Same  
; FILE REFERENCE: STAN-307  
; CURRENT APPLICATION NUMBER: US/10/861,108  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: 60/476,266  
; PRIOR FILING DATE: 2003-06-04  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 9  
; LENGTH: 8  
; TYPE: DNA  
; ORGANISM: Salmonid

US-10-861-108-9  
Query Match 100.0%; Score 5; DB 18; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 2

RESULT 24  
US-09-990-186-623/c  
; Sequence 623 ; Application US/09990186  
; Publication No. US20030068675A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRN NUCLEOTIDE TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.21 / S11-US3  
; CURRENT APPLICATION NUMBER: US/09/990,186  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SEQ ID NO: 2256  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-990-186-623  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 2

RESULT 25  
US-09-990-186-2220  
; Sequence 2220 ; Application US/09990186  
; Publication No. US20030068675A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.21 / S11-US3  
; CURRENT APPLICATION NUMBER: US/09/990,186  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SEQ ID NO: 2220  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-990-186-2220  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 2

RESULT 26  
US-09-990-186-2256  
; Sequence 2256 ; Application US/09990186  
; Publication No. US20030068675A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.21 / S11-US3  
; CURRENT APPLICATION NUMBER: US/09/990,186  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SEQ ID NO: 2256  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-990-186-2256  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 2

RESULT 27  
US-09-990-186-2257  
; Sequence 2257 ; Application US/09990186  
; Publication No. US20030068675A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.21 / S11-US3  
; CURRENT APPLICATION NUMBER: US/09/990,186  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SEQ ID NO: 2257  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-990-186-2257  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTATG 5  
Db 6 GTATG 2

RESULT 29  
US-09-989-994-2256 ; Sequence 2256, Application US/0989994  
; Publication No. US20030104526A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US-09/989,994  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 2256  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target  
US-09-989-994-623/c  
; Sequence 623, Application US/0989994  
; Publication No. US20030104526A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,994  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 623  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target  
US-09-989-994-623  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 4 GTATG 5  
Db 4 GTATG 8  
  
RESULT 27  
US-09-989-994-623/c  
; Sequence 623, Application US/0989994  
; Publication No. US20030104526A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,994  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 2256  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target  
US-09-989-994-623  
Query Match 100.0%; Score 5; DB 10; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 1 GTATG 5  
Db 4 GTATG 8  
  
RESULT 30  
US-10-122-630-1  
; Sequence 1, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrest, Barbara A.  
; APPLICANT: Eller, Mark S.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; FILE REFERENCE: 0054-1088-018  
; CURRENT APPLICATION NUMBER: US/10/122,630  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 08/467,012  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US96/08386  
; PRIOR FILING DATE: 1996-06-03  
; PRIOR APPLICATION NUMBER: US 09/048,927  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: US 09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 1  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-630-1  
Query Match 100.0%; Score 5; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 31  
US-10-122-633-1  
; Sequence 1, Application US/10122633  
; Publication No. US20030032611A1  
GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Eller, Mark S.  
; APPLICANT: Yaar, Mina  
TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 0054.1088-019  
CURRENT APPLICATION NUMBER: US/10/122,633  
CURRENT FILING DATE: 2002-04-02  
PRIOR APPLICATION NUMBER: US 09/540,843  
PRIOR FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: PCT/US01/10162  
PRIOR FILING DATE: 2001-03-30  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 9  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: Synthetic DNA Fragment  
OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-633-1

Qy 1 GTATG 5  
Db 3 GTATG 7

Query Match 100.0%; Score 5; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 32  
US-10-096-596-32/C  
; Sequence 32, Application US/10096596  
; Publication No. US20030049653A1  
GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth W  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Velculescu, Victor  
; APPLICANT: Zhang, Lin  
TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION  
FILE REFERENCE: 001107.00242  
CURRENT APPLICATION NUMBER: US/10/096,596  
CURRENT FILING DATE: 2002-03-14  
PRIOR APPLICATION NUMBER: US/08/527,154  
PRIOR FILING DATE: 1995-09-12  
PRIOR APPLICATION NUMBER: US 08/544,861  
PRIOR FILING DATE: 1995-10-18  
PRIOR APPLICATION NUMBER: US 09/107,228  
NUMBER OF SEQ ID NOS: 41  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 32  
LENGTH: 9  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-096-596-32

Qy 1 GTATG 5  
Db 7 GTATG 3

Query Match 100.0%; Score 5; DB 14; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 33

US-10-378-558A-13  
; Sequence 13, Application US/10378558A  
; Publication No. US2004000556A1  
GENERAL INFORMATION:  
; APPLICANT: Kalcheuer, Rainer  
; APPLICANT: Steinbuchel, Alexander  
; APPLICANT: Voelker, Toni  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS  
FILE REFERENCE: MONS:026US2  
CURRENT APPLICATION NUMBER: US/10/378,558A  
CURRENT FILING DATE: 2003-03-03  
PRIOR APPLICATION NUMBER: 60/360,774  
PRIOR FILING DATE: 2002-03-01  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 13  
LENGTH: 9  
TYPE: DNA  
ORGANISM: Acinetobacter calcoaceticus  
US-10-378-558A-13

Qy 1 GTATG 5  
Db 3 GTATG 7

Query Match 100.0%; Score 5; DB 17; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 34  
US-10-427-629-3  
; Sequence 3, Application US/10427629  
; Publication No. US20040078834A1  
GENERAL INFORMATION:  
; APPLICANT: Croce, Carlo M.  
TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted  
FILE REFERENCE: TJJU851  
CURRENT APPLICATION NUMBER: US/10/427,629  
CURRENT FILING DATE: 2003-04-29  
PRIOR APPLICATION NUMBER: 60/376,464  
PRIOR FILING DATE: 2002-04-29  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: PatentIn version 3.2  
SEQ ID NO 3  
LENGTH: 9  
TYPE: DNA  
ORGANISM: Mus musculus  
US-10-427-629-3

Qy 1 GTATG 5  
Db 3 GTATG 6

Query Match 100.0%; Score 5; DB 17; Length 9;  
Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 35  
US-08-935-377-16/C  
; Sequence 16, Application US/08935377  
; Publication No. US20030133917A1  
GENERAL INFORMATION:  
; APPLICANT: Zauner, Maurice  
TITLE OF INVENTION: T Cells Specific for Target Antigens and  
TITLE OF SEQUENCES: Vaccines Based Thereon  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C  
STREET: 1100 New York Avenue, N.W., Suite 600  
CITY: Washington

STATE: D. C.  
 COUNTRY: USA  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/935,377  
 FILING DATE: 22-SEP-1997  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Steffe, Eric K.  
 REGISTRATION NUMBER: 36,688  
 REFERENCE/DOCKET NUMBER: 1821.001000/EKS/CMB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEXFAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-935-377-16

Query Match 100.0%; Score 5; DB 8; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 10 GTATG 6

RESULT 36  
 US-09-822-250-16/c  
 Sequence 16, Application US/09822250  
 Patent No. US20020018765A1  
 GENERAL INFORMATION:  
 APPLICANT: Zauderer, Maurice  
 TITLE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus  
 FILE REFERENCE: 1821.0010001  
 CURRENT APPLICATION NUMBER: US/09/822,250  
 CURRENT FILING DATE: 2001-04-02  
 PRIOR APPLICATION NUMBER: US 08/935,377  
 PRIOR FILING DATE: 1997-09-22  
 NUMBER OF SEQ ID NOS: 37  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 16  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: synthetic construct

Query Match 100.0%; Score 5; DB 9; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 10 GTATG 6

RESULT 37  
 US-09-398-399-31  
 Sequence 31, Application US/09398399  
 Patent No. US20020051173A1  
 GENERAL INFORMATION:  
 APPLICANT: DELENSTAR, GLENDA C.  
 APPLICANT: LIEFKOWITZ, STEVEN M.

Query Match 100.0%; Score 5; DB 9; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 38  
 US-09-899-381-31  
 Sequence 31, Application US/09899381  
 Patent No. US2002006893A1  
 GENERAL INFORMATION:  
 APPLICANT: Delenstar, Glend C.  
 APPLICANT: Wolber, Paul K.  
 APPLICANT: Sana, Theodore R.  
 TITLE OF INVENTION: Arrays Having Background Features and  
 Title of Invention: Methods for Using the Same  
 FILE REFERENCE: 10010760-1  
 CURRENT APPLICATION NUMBER: US/09/899,381  
 CURRENT FILING DATE: 2001-07-05  
 PRIOR APPLICATION NUMBER: 09/398,399  
 PRIOR FILING DATE: 1999-09-17  
 NUMBER OF SEQ ID NOS: 53  
 SOFTWARE: FastSQL for Windows Version 4.0  
 SEQ ID NO 31  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: synthetic probe

Query Match 100.0%; Score 5; DB 9; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTATG 5  
 Db 2 GTATG 6

RESULT 39  
 US-09-962-602-7/c  
 Sequence 7, Application US/09962602  
 Publication No. US2003005989A1  
 GENERAL INFORMATION:  
 APPLICANT: SASTRY, MURALI  
 APPLICANT: KUMAR, ASHAVANI  
 APPLICANT: RAMAKRISHNAN, VIDYA  
 APPLICANT: GANESH, KRISHNARAJANAGAR  
 TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES

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```

FILE REFERENCE: 4062-6
// CURRENT APPLICATION NUMBER: US/09/962,602
// CURRENT FILING DATE: 2001-09-26
// NUMBER OF SEQ ID NOS: 10
// SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: ssDNA1
US-09-962-602-7

Query Match      100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTATG 5
      |||||
Db    6 GTATG 2

RESULT 40
US-09-962-602-8
Sequence 8, Application US/09962602
Publication No. US20030059899A1
GENERAL INFORMATION:
APPLICANT: SASTRY, MURALI
APPLICANT: KUMAR, ASHAVANI
APPLICANT: RAMAKRISHNAN, VIDYA
APPLICANT: GANESH, KRISHNARAJANAGAR
TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
FILE REFERENCE: 4062-6
CURRENT APPLICATION NUMBER: US/09/962,602
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 8
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: ssDNA2
US-09-962-602-8

Query Match      100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTATG 5
      |||||
Db    5 GTATG 9

Search completed: March 22, 2005, 19:09:38
Job time : 180.708 secs

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GenCore version 5.1.6  
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## OM nucleic - nucleic search, using bw model

Run on: March 22, 2005, 04:59:11 ; Search time 95.3333 Seconds

(without alignments)

188.801 Million cell updates/sec

Title: US-09-540-843-5

Perfect score: 11

Sequence: 1 gtttaggttag 11

Scoring table: IDENTITY NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters:

1407054

Minimum DB seq length: 0  
 Maximum DB seq length: 200  
 Post-processing: Minimum Match 0%  
 Maximum Match 100%

Listing First 100 summaries

Database : Issued\_Patents\_NA:\*

1: /cgpn2\_6/picodata/1/ina/5A\_COMB\_seq:  
 2: /cgpn2\_6/picodata/1/ina/5B\_COMB\_seq:  
 3: /cgpn2\_6/picodata/1/ina/6A\_COMB\_seq:  
 4: /cgpn2\_6/picodata/1/ina/6B\_COMB\_seq:  
 5: /cgpn2\_6/picodata/1/ina/PECTUS\_COMB\_seq:  
 6: /cgpn2\_6/picodata/1/ina/backfiles1\_seq:  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB ID	Description
c 1	11	100.0	11	1	US-09-330-0123A-2	Sequence 2, Appli
c 2	11	100.0	11	1	US-09-349-015B-2	Sequence 2, Appli
c 3	11	100.0	11	2	US-09-531-0178A-2	Sequence 2, Appli
c 4	11	100.0	11	2	US-09-531-0173-11	Sequence 11, Appli
c 5	11	100.0	11	2	US-09-531-0173-12	Sequence 12, Appli
c 6	11	100.0	11	2	US-09-345-0178-36	Sequence 36, Appli
c 7	11	100.0	11	2	US-09-472-002C-3	Sequence 3, Appli
c 8	11	100.0	11	3	US-09-520-0550A-36	Sequence 36, Appli
c 9	11	100.0	11	3	US-09-530-019A-9	Sequence 9, Appli
c 10	11	100.0	11	3	US-09-630-019A-30	Sequence 30, Appli
c 11	11	100.0	11	3	US-09-630-019A-39	Sequence 39, Appli
c 12	11	100.0	11	3	US-09-338-0545-13	Sequence 13, Appli
c 13	11	100.0	11	3	US-09-338-0545-31	Sequence 31, Appli
c 14	11	100.0	11	3	US-09-338-0545-44	Sequence 44, Appli
c 15	11	100.0	11	3	US-09-338-0443-2	Sequence 2, Appli
c 16	11	100.0	11	3	US-09-060-0523-2	Sequence 2, Appli
c 17	11	100.0	11	3	US-09-249-0523-13	Sequence 13, Appli
c 18	11	100.0	11	3	US-09-349-0531-31	Sequence 31, Appli
c 19	11	100.0	11	3	US-09-149-0522-44	Sequence 44, Appli
c 20	11	100.0	11	3	US-09-580-0517-2	Sequence 2, Appli
c 21	11	100.0	11	4	US-09-037-0351-2	Sequence 2, Appli
c 22	11	100.0	11	4	US-09-057-0455A-1	Sequence 1, Appli
c 23	11	100.0	11	4	US-09-035-010-63	Sequence 63, Appli
c 24	11	100.0	11	4	US-10-163-076-1	Sequence 1, Appli
c 25	11	100.0	12	3	US-09-330-019A-10	Sequence 10, Appli
c 26	11	100.0	12	3	US-09-638-0545-8	Sequence 8, Appli
c 27	11	100.0	12	3	US-09-349-0532-8	Sequence 8, Appli

28 Sequence 11, Appli  
 29 Sequence 15, Appli  
 30 Sequence 1, Appli  
 31 Sequence 12, Appli  
 32 Sequence 3, Appli  
 33 Sequence 1, Appli  
 34 Sequence 12, Appli  
 35 Sequence 8, Appli  
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 37 Sequence 12, Appli  
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 86 Sequence 8, Appli  
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 c 88 Sequence 5, Appli  
 89 Sequence 1, Appli  
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 91 Sequence 2, Appli  
 92 Sequence 1, Appli  
 93 Sequence 17, Appli  
 c 94 Sequence 1, Appli  
 95 Sequence 0, Appli  
 c 96 Sequence 9, Appli  
 97 Sequence 15, Appli  
 98 Sequence 3, Appli  
 c 99 Sequence 3, Appli  
 100 Sequence 4, Appli

## ALIGNMENTS

RESULT 1  
US-08-330-123A-2/c  
Sequence 2, Application US/08330123A  
; Patent No. 5883016

GENERAL INFORMATION:  
APPLICANT: VILLEPONTEAU, Bryant  
APPLICANT: FENG, Junli  
APPLICANT: FUNK, Walter  
APPLICANT: ANDREWS, William H.  
TITLE OF INVENTION: HUMAN TELOMERASE  
NUMBER OF SEQUENCES: 25  
COUNTRY: US  
ZIP: 94101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/330,123A  
FILING DATE: 27-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/482,115B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIORITY INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-000830US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 11 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
US-08-482-115B-2

Query Match 100.0%; Score 11; DB 1; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
Db 11 GTTACGGTTAG 1

RESULT 3  
US-08-660-678A-2/c  
Sequence 2, Application US/08660678A  
; Patent No. 5837057

GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/660,678A  
FILING DATE: 05-JUN-1996  
CLASSIFICATION: 435

RESULT 2  
US-08-482-115B-2/c  
Sequence 2, Application US/08482115B  
; Patent No. 5776679

GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Assays for the RNA Component of Human  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 07-JUL-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000811US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEXFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA  
 US-08-664-678A-2

Query Match Score 11; DB 2; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTTACGGTAG 11  
 Db 11 GTTACGGTAG 11

RESULT 4  
 US-08-531-743-11  
 Sequence 11. Application US/085311743  
 Patent No. 5856096  
 GENERAL INFORMATION:  
 APPLICANT: Windle, Bradford B.  
 APPLICANT: Qiu, Ming  
 APPLICANT: Chen, Shi-fong  
 APPLICANT: Fletcher, Terace M.  
 APPLICANT: Maine, Ira

TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and Distinguishing Between Processive and Stranded Telomerase Activities  
 TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Arnold, White & Durkee  
 STREET: P.O. Box 4433  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: United States of America  
 ZIP: 77210

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/531,743  
 FILING DATE: 20-SEP-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Highlander, Steven L.  
 REGISTRATION NUMBER: 37,642  
 REFERENCE/DOCKET NUMBER: CTTRC:026/HYL  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (512) 418-3000  
 TELEFAX: (512) 474-7577  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: Single  
 TOPOLOGY: linear  
 US-08-531-743-12

Query Match Score 11; DB 2; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTTACGGTAG 11  
 Db 11 GTTACGGTAG 11

RESULT 5  
 US-08-531-743-12/C  
 Sequence 12, Application US/085311743  
 Patent No. 5856096  
 GENERAL INFORMATION:  
 APPLICANT: Windle, Bradford B.  
 APPLICANT: Qiu, Ming  
 APPLICANT: Chen, Shi-fong  
 APPLICANT: Fletcher, Terace M.  
 APPLICANT: Maine, Ira

TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and Distinguishing Between Processive and Stranded Telomerase Activities

NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Arnold, White & Durkee  
 STREET: P.O. Box 4433  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: United States of America  
 ZIP: 77210

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/531,743  
 FILING DATE: 20-SEP-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Highlander, Steven L.  
 REGISTRATION NUMBER: 37,642  
 REFERENCE/DOCKET NUMBER: CTTRC:026/HYL  
 TELEPHONE: (512) 418-3000  
 TELEFAX: (512) 474-7577  
 INFORMATION FOR SEQ ID NO: 11:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: Single  
 TOPOLOGY: linear  
 US-08-531-743-11

Query Match Score 11; DB 2; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 GTTACGGTAG 11  
 Db 11 GTTACGGTAG 11

RESULT 6  
 US-08-405-778-36/C  
 Sequence 35, Application US/0845778  
 Patent No. 5876919  
 GENERAL INFORMATION:  
 APPLICANT: Andrews, William H.  
 APPLICANT: Avillion, Ariel Athena

APPLICANT: Peng, Junli  
 APPLICANT: Funk, Walter  
 APPLICANT: Greider, Carol  
 APPLICANT: Marhuenda, Maria Antonia Blasco  
 APPLICANT: Villeponteau, Bryant

TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE  
 NUMBER OF SEQUENCES: 45

ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: MA  
 COUNTRY: US  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/472,802C  
 FILING DATE: 07-JUN-1995  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 07-JUL-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Smith, William M.  
 REGISTRATION NUMBER: 30,223  
 REFERENCE/DOCKET NUMBER: 15389-000820  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 STRANDEDNESS: single  
 TYPE: nucleic acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA

US-08-472-802C-3

Query Match Score 11; DB 2; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

RESULT 8  
 US-08-520-550A-36/C  
 Sequence 36, Application US/08520550A  
 ; Patent No. 6013468  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Andrews, William H.  
 ; TITLE OF INVENTION: RNA Component of Telomerase  
 ; NUMBER OF SEQUENCES: 47  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 ; STREET: Two Militia Drive  
 ; CITY: Lexington  
 ; STATE: MA  
 ; COUNTRY: US  
 ; ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/520,550A  
 FILING DATE: 29-AUG-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION NUMBER: US 08/387,524  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 27-OCT-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 07-JUL-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/485,778-36  
 FILING DATE: 07-JUL-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/387,524  
 FILING DATE: 13-FEB-1995  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/485,778-36  
 FILING DATE: 07-JUL-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32,227  
 REFERENCE/DOCKET NUMBER: OSHL94-05A4  
 TELEPHONE: 617-861-6240  
 TELEFAX: 617-861-9540  
 INFORMATION FOR SEQ ID NO: 36:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear

US-08-485-778-36

Query Match Score 11; DB 2; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

RESULT 7  
 US-08-472-802C-3/C  
 Sequence 3, Application US/08472802C  
 ; Patent No. 5958680  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Villeponteau, Bryant  
 ; APPLICANT: Peng, Junli  
 ; APPLICANT: Andrews, William H.  
 ; TITLE OF INVENTION: Mammalian telomerase  
 ; NUMBER OF SEQUENCES: 44  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: CSHL94-05A3B
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-550A-36

RESULT 10
US-08-630-019A-30/C
; Sequence 30, Application US/08630019A
; Patent No. 6015710

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11
Db 1 GTTACGGTTAG 11

; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; ATTORNEY/AGENT INFORMATION:
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630.019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; MOLECULE TYPE: RNA
; US-08-630-019A-30

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11
Db 11 GTTACGGTTAG 1

; RESULT 11
US-08-630-019A-39
; Sequence 39, Application US/08630019A
; Patent No. 6015710

```

GENERAL INFORMATION:

APPLICANT: Shay, Jerry W.

APPLICANT: Wright, Woodring E.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Corey, David R.

APPLICANT: No. 6015710ton, James C.

TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

ZIP: 94111-3834

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/630,019A

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOSS-MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

ATTORNEY/AGENT INFORMATION:

NAME: Storella, John R.

REGISTRATION NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 015389-001600US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

SEQUENCE CHARACTERISTICS:

LENGTH: 11 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid (PS)

DESCRIPTION: "peptide nucleic acid (PNA), where (deoxy(ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"

US-08-630-019A-39

RESULT 12

Query Match Score 11: DB 3; Length 11;

Best Local Similarity 100.0%; Pred. No. 6.7e+02;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11

Db 1 GTTACGGTTAG 11

GENERAL INFORMATION:

APPLICANT: Shay, Jerry W.

APPLICANT: Wright, Woodring E.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Corey, David R.

APPLICANT: No. 6046307ton, James C.

TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOSS-MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

APPLICATION NUMBER: US/08/838,545

FILING DATE: 09-APR-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/630,019

FILING DATE: 09-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Storella, John R.

REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 FAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 31:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid (PNA),  
 DESCRIPTION: "peptide nucleic acid (PNA), where (deoxyribose-phosphate linkages are replaced by N-(2-aminoethyl)Glycine units linked to nucleotide bases via  
 US-08-838-545-31

Query Match 100.0%; Score 11; DB 3; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTGGGTAG 11  
 Db 1 GTTGGGTAG 11

---

RESULT 15  
 US-08-998-443-2/c  
 Sequence 2, Application US/08998443  
 Patent No. 6054575  
 GENERAL INFORMATION:  
 APPLICANT: Villeponteau, Bryant  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/998,443  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US/08/660,678  
 FILING DATE: 05-JUN-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000811US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA  
 US-08-998-443-2

Query Match 100.0%; Score 11; DB 3; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTGGGTAG 11  
 Db 1 GTTGGGTAG 1

RESULT 16  
 Sequence 2, Application US/09060523  
 Patent No. 6258535  
 GENERAL INFORMATION:  
 APPLICANT: Villeponteau, Bryant  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/060,523  
 FILING DATE: 14 APR 1998  
 CLASSIFICATION: 536  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/660,678  
 FILING DATE: 05-JUN-1996  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 07-JUL-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000813US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: Single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA  
 US-09-060-23-2

RESULT 17  
 Sequence 13, Application US/09349532  
 Patent No. 6294650  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

RESULT 18  
 Sequence 31, Application US/09349532  
 Patent No. 6294650  
 GENERAL INFORMATION:  
 APPLICANT: Wright, Woodring E.  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838,545  
 FILING DATE: 09-APR-1997  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-0001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid (PNA)  
 /desc = "peptide nucleic acid (PNA), where (deoxy/ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via methylene carbonyl linker"  
 US-09-349-532-13

Query Match 100.0%; Score 11; DB 3; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 1 GTTACGGTTAG 11

RESULT 18  
 Sequence 31, Application US/09349532  
 Patent No. 6294650  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838,545  
 FILING DATE: 09-APR-1997  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0300  
 TELEX/FAX: (415) 576-0200  
 INFORMATION FOR SEQ ID NO: 44:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "phosphorothioate (PS)  
 DESCRIPTION: nucleic acid"  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEX/FAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 31:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "peptide nucleic acid (PNA),  
 DESCRIPTION: where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 glycine amino N through a methylenecarbonyl linker"  
 US-09-349-532-31

Query Match Score 11; DB 3; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 11 GTTACGGTTAG 11

RESULT 19  
 US-09-349-532-44  
 ; Sequence 44, Application US/09349532  
 ; Patent No. 6320059  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Platyseki, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: NO. 6294650ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:

CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838,545  
 FILING DATE: 09-APR-1997

APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0300  
 TELEX/FAX: (415) 576-0200  
 INFORMATION FOR SEQ ID NO: 44:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA

Query Match Score 11; DB 3; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 11 GTTACGGTTAG 11

RESULT 20  
 US-09-580-517-2/c  
 ; Sequence 2, Application US/09580517  
 ; Patent No. 6320059  
 GENERAL INFORMATION:  
 APPLICANT: VILLEPONTEAU, Bryant  
 FENG, Junli  
 ANDREWS, William H.  
 TITLE OF INVENTION: HUMAN TELOMERASE  
 NUMBER OF SEQUENCES: 25  
 CORRESPONDENCE ADDRESS:  
 ADDRESSSEE: Townsend and Townsend Khourie and Crew  
 STREET: 379 Lurton Avenue  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: US  
 ZIP: 94301  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/580,517  
 FILING DATE: 25-May-2000  
 CLASSIFICATION: <Unknown>  
 PRIORITY APPLICATION DATA:  
 FILING DATE: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Smith, William M.  
 REGISTRATION NUMBER: 30,223  
 REFERENCE/DOCKET NUMBER: 15389-000810  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 326-2400  
 TELEX/FAX: (415) 326-2422  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-580-517-2

Query Match 100.0%; Score 11; DB 3; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

Qy 1 GTTGGGTAG 11  
Db 11 GTTGGGTAG 1

---

RESULT 21

Sequence 2. Application US/09057351

Patent No. 658298

GENERAL INFORMATION:

APPLICANT: Villeponteau, Bryant

APPLICANT: Feng, Junli

APPLICANT: Funk, Walter

APPLICANT: Andrews, William H.

APPLICANT: Townsend and Townsend and Crew LLP

TITLE OF INVENTION: Mammalian Telomerase

NUMBER OF SEQUENCES: 42

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

CITY: Two Embarcadero Center, Eighth Floor

STATE: San Francisco

COUNTRY: California

ZIP: 94111-3834

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/057,351

FILING DATE: 08-APR-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/330,123

FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,802

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Storrell, John R.  
REGISTRATION NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 015389-000021US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 11 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

US-09-057-351-2

Query Match 100.0%; Score 11; DB 4; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

Qy 1 GTTGGGTAG 11  
Db 11 GTTGGGTAG 1

---

RESULT 22

Sequence 1. Application US/09657445A

Patent No. 6608036

GENERAL INFORMATION:

APPLICANT: Geron Corporation

APPLICANT: Gryaznov, Sergei

APPLICANT: Pongracz, Krisztina

APPLICANT: Matray, Tracey

TITLE OF INVENTION: Oligonucleotide N3'-P5' Thiophosphoramidates: Their Synthesis and

FILE REFERENCE: 039/003

CURRENT APPLICATION NUMBER: US/09/657,445A

CURRENT FILING DATE: 2000-09-09

PRIOR APPLICATION NUMBER: US 60/153,201

PRIOR FILING DATE: 1999-09-10

PRIOR APPLICATION NUMBER: US 60/160,444

PRIOR FILING DATE: 1999-10-19

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 1

LENGTH: 11

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

US-09-657-445A-1

Query Match 100.0%; Score 11; DB 4; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTAG 11  
Db 1 GTTACGGTAG 11

---

RESULT 23

Sequence 63. Application US/09835370

Patent No. 677544

GENERAL INFORMATION:

APPLICANT: UHLMANN, EUGEN

APPLICANT: BREIPHOHL, GERHARD

APPLICANT: WILL, DAVID W

TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

PROCESS FOR PREPARING THEM

FILE REFERENCE: 02481,1742

CURRENT APPLICATION NUMBER: US/09/635,370

CURRENT FILING DATE: 2001-04-17

NUMBER OF SEQ ID NOS: 64

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 63

LENGTH: 11

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: nucleotide

OTHER INFORMATION: base sequence of PNA derivatives that bind to

OTHER INFORMATION: viral and cellular targets

US-09-835-370-63

Query Match 100.0%; Score 11; DB 4; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTAG 11  
Db 1 GTTACGGTAG 11

---

RESULT 24

Sequence 1. Application US/10463076

US-10-463-076-1

; Sequence 1, Application US/10463076

Patent No. 6815826  
GENERAL INFORMATION:  
APPLICANT: Geron Corporation  
APPLICANT: Gryaznov, Sergei  
APPLICANT: Pongracz, Kristina  
APPLICANT: Matry, Tracey  
TITLE OF INVENTION: Oligonucleotide N3'-->PS' Thiophosphoramidates: Their Synthesis and Application Number: US/10/463,076  
FILE REFERENCE: 039/004C  
CURRENT APPLICATION NUMBER: US/10/463,076  
CURRENT FILING DATE: 2003-06-17  
PRIOR APPLICATION NUMBER: US 09/657,445  
PRIOR FILING DATE: 2000-09-08  
PRIOR APPLICATION NUMBER: US 60/153,201  
PRIOR FILING DATE: 1999-09-10  
PRIOR APPLICATION NUMBER: US 60/160,444  
PRIOR FILING DATE: 1999-10-19  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO: 1  
LENGTH: 11  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE: OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity  
US-10-463-076-1

Query Match 100.0%; Score 11; DB 4; Length 11;  
Best Local Similarity 100.0%; Pred. No. 6.7e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTAG 11  
Db 1 GTTAGGGTAG 11

RESULT 26  
US-08-838-545-8  
Sequence 8, Application US/08838545  
Patent No. 6046307  
GENERAL INFORMATION:  
APPLICANT: Shay, Jerry W.  
APPLICANT: Wright, Woodring B.  
APPLICANT: Piatuszek, Mieczyslaw A.  
APPLICANT: Corey, David R.  
APPLICANT: No. 6046307con, James C.  
TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/838,545  
FILING DATE: 09-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/630,019  
FILING DATE: 09-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 312,944  
REFERENCE/DOCKET NUMBER: 015389-001610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0100  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
/desc = "peptide nucleic acid (PNA), where (deoxy)ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino nitrogen through a methylenecarbonyl linker"  
US-08-630-019A-10

Query Match 100.0%; Score 11; DB 3; Length 12;  
US-08-838-545-8

Query Match 100.0%; Score 11; DB 3; Length 12;

Best Local Similarity 100.0%; Pred. No. 6.7e+02; Indels 0; Gaps 0;  
 Matches 11; Conservative 0; Mismatches 0;

Qy 1 GTTACGGTAG 11

Db 2 GTTACGGTAG 12

RESULT 27  
 US-09-349-532-8  
 Sequence 8, Application US/09349532  
 Patent No. 6294650  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 NUMBER OF SEQUENCES: 8  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838,545  
 FILING DATE: 09-APR-1997  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996

ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REFERENCE/DOCKET NUMBER: 015389-001600US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid (PNA),  
 /desc = "peptide ribose-phosphate linkages are replaced by  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 glycine amino nitrogen through a methylenecarbonyl linker"

REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 12 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid (PNA),  
 /desc = "peptide nucleic acid (PNA),  
 where (deoxyribose-phosphate linkages are replaced by  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 glycine amino N through a methylenecarbonyl linker"

RESULT 28  
 US-09-349-532-8  
 Sequence 1, Application US/09349532  
 Patent No. 6294650  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 NUMBER OF SEQUENCES: 46  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco

Qy 1 GTTACGGTAG 11

Db 2 GTTACGGTAG 12

; Sequence 11, Application US/08630019A  
 ; Patent No. 6015710  
 ; GENERAL INFORMATION:

; APPLICANT: Shay, Jerry W.  
 ; APPLICANT: Wright, Woodring B.  
 ; APPLICANT: Piatyszek, Mieczyslaw A.  
 ; APPLICANT: Corey, David

; APPLICANT: No. 6015710ton, James C.  
 ; TITLE OF INVENTION: Modulation of Peptide Nucleic Acids

; NUMBER OF SEQUENCES: 46  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/630,019A  
 ; FILING DATE: 09-JUN-1996  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; REFERENCE/DOCKET NUMBER: 015389-001600US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 13 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino nitrogen through a methylenecarbonyl linker"

; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 12 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino N through a methylenecarbonyl linker"

; RESULT 29  
 US-08-630-019A-15  
 Sequence 15, Application US/08630019A  
 Patent No. 6015710  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Peptide Nucleic Acids

; NUMBER OF SEQUENCES: 46  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/630,019A  
 ; FILING DATE: 09-JUN-1996  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 13 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino N through a methylenecarbonyl linker"

; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 12 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino N through a methylenecarbonyl linker"

; RESULT 29  
 US-08-630-019A-15  
 Sequence 15, Application US/08630019A  
 Patent No. 6015710  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Peptide Nucleic Acids

; NUMBER OF SEQUENCES: 46  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco

; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/630,019A  
 ; FILING DATE: 09-JUN-1996  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 13 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino N through a methylenecarbonyl linker"

; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 12 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid (PNA),  
 ; /desc = "peptide nucleic acid (PNA),  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; where (deoxyribose-phosphate linkages are replaced by  
 ; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 ; glycine amino N through a methylenecarbonyl linker"

; RESULT 29  
 US-08-630-019A-15  
 Sequence 15, Application US/08630019A  
 Patent No. 6015710  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring B.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Peptide Nucleic Acids

STATE: California  
 COUNTRY: USA  
 ZIP: 94111-5834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/630,019A  
 FILING DATE: 09-JUN-1996  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "Peptide nucleic acid (PNA),  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 glycine amino N through a methylenecarbonyl linker"  
 DESCRIPTION:  
 US-08-630-019A-15

Query Match Score 11; DB 3; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 3 GTTACGGTTAG 13

RESULT 31  
 US-08-838-545-12  
 Sequence 12, Application US/08838545  
 ; Patent No. 6046307  
 GENERAL INFORMATION:  
 ; APPLICANT: Shay, Jerry W.  
 ; APPLICANT: Wright, Woodring B.  
 ; APPLICANT: Piatszek, Mieczyslaw A.  
 ; APPLICANT: Corey, David R.  
 ; APPLICANT: No. 6046307con, James C.  
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 ; NUMBER OF SEQUENCES: 60  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834  
 ; COMPUTER READABLE FORM: Floppy disk  
 ; MEDIUM TYPE: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/838,545  
 ; FILING DATE: 09-APR-1997

PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/630,019  
 ; FILING DATE: 09-APR-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 12:  
 ; SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

Query Match Score 11; DB 3; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.8e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 3 GTTACGGTTAG 13

RESULT 31  
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 Sequence 12, Application US/08838545  
 ; Patent No. 6046307  
 GENERAL INFORMATION:  
 ; APPLICANT: Shay, Jerry W.  
 ; APPLICANT: Wright, Woodring B.  
 ; APPLICANT: Piatszek, Mieczyslaw A.  
 ; APPLICANT: Corey, David R.  
 ; APPLICANT: No. 6046307con, James C.  
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 ; NUMBER OF SEQUENCES: 60  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834  
 ; COMPUTER READABLE FORM: Floppy disk  
 ; MEDIUM TYPE: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/838,545  
 ; FILING DATE: 09-APR-1997

PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/630,019  
 ; FILING DATE: 09-APR-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
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 ; SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

Query Match Score 11; DB 3; Length 13;  
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 Db 3 GTTACGGTTAG 13

RESULT 31  
 US-08-838-545-12  
 Sequence 12, Application US/08838545  
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 GENERAL INFORMATION:  
 ; APPLICANT: Shay, Jerry W.  
 ; APPLICANT: Wright, Woodring B.  
 ; APPLICANT: Piatszek, Mieczyslaw A.  
 ; APPLICANT: Corey, David R.  
 ; APPLICANT: No. 6046307con, James C.  
 ; TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 ; NUMBER OF SEQUENCES: 60  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Crew LLP  
 ; STREET: Two Embarcadero Center, Eighth Floor  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94111-3834  
 ; COMPUTER READABLE FORM: Floppy disk  
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 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
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 ; APPLICATION NUMBER: US/08/838,545  
 ; FILING DATE: 09-APR-1997

PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/630,019  
 ; FILING DATE: 09-APR-1996  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Storella, John R.  
 ; REGISTRATION NUMBER: 32,944  
 ; REFERENCE/DOCKET NUMBER: 015389-001610US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 576-0200  
 ; TELEFAX: (415) 576-0300  
 ; INFORMATION FOR SEQ ID NO: 12:  
 ; SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTION: /desc = "peptide nucleic acid (PNA), where (deoxyribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"  
 US-08-838-545-12

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 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: NO. 6294650  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
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 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838,545  
 FILING DATE: 09-APR-1997  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 13 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid (PNA),  
 DESCRIPTION: /desc = "peptide nucleic acid (PNA), where (deoxyribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"  
 US-09-349-532-12

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RESULT 34  
 US-09-657-445A-8  
 Sequence 8, Application US/09657445A

Query Match 100.0%; Score 11; DB 3; Length 13;  
 Best Local Similarity 100.0%; Pred. No. 6.8e+02;

Patent No. 6608036  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 APPLICANT: Pongracz, Krisztina  
 APPLICANT: Matray, Tracey  
 TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and Current Application Number: US/09/657,445A  
 CURRENT FILING DATE: 2000-09-09  
 PRIOR APPLICATION NUMBER: US 60/153,201  
 PRIOR FILING DATE: 1999-09-10  
 PRIOR APPLICATION NUMBER: US 60/160,444  
 PRIOR FILING DATE: 1999-10-19  
 NUMBER OF SEQ ID NOS: 9  
 SEQ ID NO: 8  
 LENGTH: 13  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE: OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

US-09-657-445A-8

Query Match Score 11; DB 4; Length 13;  
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RESULT 35  
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 / Sequence 8, Application US/10463076  
 / GENERAL INFORMATION:  
 / APPLICANT: Geron Corporation  
 / APPLICANT: Pongracz, Krisztina  
 / APPLICANT: Matray, Tracey  
 / TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and Current Application Number: US/10/463,076  
 / CURRENT FILING DATE: 2003-06-17  
 / PRIOR APPLICATION NUMBER: US 09/657,445  
 / PRIOR FILING DATE: 2000-09-08  
 / PRIOR APPLICATION NUMBER: US 60/153,201  
 / PRIOR FILING DATE: 1999-09-10  
 / PRIOR APPLICATION NUMBER: US 60/160,444  
 / PRIOR FILING DATE: 1999-10-19  
 / NUMBER OF SEQ ID NOS: 9  
 / SEQ ID NO: 8  
 / LENGTH: 13  
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 / ORGANISM: Artificial Sequence  
 / FEATURE: OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

US-10-463-076-8

Query Match Score 11; DB 4; Length 13;  
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 Db 3 GTTAGGCTTAG 13

RESULT 37  
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 / Sequence 12, Application US/08630019A  
 / Patent No. 6015710  
 / GENERAL INFORMATION:  
 / APPLICANT: Shay, Jerry W.  
 / APPLICANT: Wright, Woodring E.  
 / APPLICANT: Placysek, Mieczyslaw A.  
 / APPLICANT: Corey, David  
 / APPLICANT: No. 6015710ton, James C.  
 / TITLE OF INVENTION: Modulation of Mammalian Telomerase by Number of Sequences: 46  
 / CORRESPONDENCE ADDRESS:  
 / STREET: Townsend and Townsend and Crew LLP  
 / CITY: San Francisco  
 / STATE: California  
 / ZIP: 94111-3834  
 / COMPUTER READABLE FORM:

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; INFORMATION FOR SEQ ID NO: 18:
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; STRANDEDNESS: single
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; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; where (N-(2-aminoethyl)glycine units linked to nucleotide bases via
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; /DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
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Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 39
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; Patent No. 6015710
; GENERAL INFORMATION:
; /APPLICANT: Shay, Jerry W.
; /APPLICANT: Wright, Woodring E.
; /APPLICANT: Piatyszek, Mieczyslaw A.
; /APPLICANT: Corey, David
; /APPLICANT: No. 6015710ton, James C.
; /TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; /TITLE OF INVENTION: Peptide Nucleic Acids
; /NUMBER OF SEQUENCES: 46
; /CORRESPONDENCE ADDRESS:
; /ADDRESSEE: Townsend and Townsend and Crew LLP
; /STREET: Two Embarcadero Center, Eighth Floor
; /CITY: San Francisco
; /STATE: California
; /COUNTRY: USA
; /ZIP: 94111-3834
; /COMPUTER READABLE FORM:
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; /CURRENT APPLICATION DATA:
; /APPLICATION NUMBER: US/08/630,019A
; /FILING DATE: 09-JUN-1996
; /CLASSIFICATION: 536
; /ATTORNEY/AGENT INFORMATION:
; /NAME: Storella, John R.
; /REGISTRATION NUMBER: 32,944
; /REFERENCE/DOCKET NUMBER: 015389-001600US
; /TELECOMMUNICATION INFORMATION:
; /TELEPHONE: (415) 576-0200
; /TELEFAX: (415) 576-0300
; /INFORMATION FOR SEQ ID NO: 40:
; /SEQUENCE CHARACTERISTICS:
; /LENGTH: 15 base pairs
; /TYPE: nucleic acid
; /STRANDEDNESS: single
; /TOPOLOGY: linear
; /MOLECULE TYPE: other nucleic acid
; /desc = "phosphorothioate (PS) nucleic acid"
; /DESCRIPTION: phosphorothioate (PS) nucleic acid"
; US-08-630-019A-40

Query Match          100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTGGGTAG 11

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Db 5 GTTGGGTTAG 15

RESULT 40  
 US-08-838-545-2  
 Sequence 2, Application US/088380545  
 Patent No. 6046307  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Platyszek, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6046307con, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 NUMBER OF SEQUENCES: Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/838,545  
 FILING DATE: 09-APR-1997  
 CLASSIFICATION: 536  
 PRIORITY DATA:  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0000  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "peptide nucleic acid (PNA),  
 DESCRIPTION: where (deoxyribose-phosphate linkages are replaced by  
 DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 DESCRIPTION: glycine amino N through a methylenecarbonyl linker"  
 US-08-838-545-2

Query Match 100.0%; Score 11; DB 3; Length 15;  
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 Qy 1 GTTGGGTTAG 11  
 Db 5 GTTGGGTTAG 15

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GenCore version 5.1.6  
(c) 1993 - 2005 Compugen Ltd.

## OM nucleic - nucleic search, using sw model

March 22, 2005, 09:20:43 ; Search time 390.958 Seconds

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Listing First 100 summaries

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## SUMMARIES

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c 6	11	100	0	US-10-122-633-9 Sequence 9, Appli
c 7	11	100	0	US-10-255-535-4 Sequence 4, Appli
c 8	11	100	0	US-10-355-535-14 Sequence 14, Appli
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11	100	0	US-10-484-839-3 Sequence 548, Appli
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11	100	0	US-10-484-839-3 Sequence 562, Appli
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11	100	0	US-10-484-839-3 Sequence 564, Appli
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11	100	0	US-10-484-839-3 Sequence 566, Appli
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11	100	0	US-10-484-839-3 Sequence 622, Appli
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11	100	0	US-10-484-839-3 Sequence 624, Appli
11	100	0	US-10-484-839-3 Sequence 625, Appli
11	100	0	US-10-484-839-3 Sequence 626, Appli
11	100	0	US-10-484-839-3 Sequence 627, Appli
11	100	0	US-10-484-839-3 Sequence 628, Appli
11	100	0	US-10-484-839-3 Sequence 629, Appli
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11	100	0	US-10-484-839-3 Sequence 635, Appli
11	100	0	US-10-484-839-3 Sequence 636, Appli
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11	100	0	US-10-484-839-3 Sequence 640, Appli
11	100	0	US-10-484-839-3 Sequence 641, Appli
11	100	0	US-10-484-839-3 Sequence 642, Appli
11	100	0	US-10-484-839-3 Sequence 643, Appli
11	100	0	US-10-484-839-3 Sequence 644, Appli
11	100	0	US-10-

RESULT 1  
 Sequence 2, Application US/09057351  
 Patent No. US20010034439A1  
 GENERAL INFORMATION:  
 APPLICANT: Villeponteau, Bryant  
 APPLICANT: Peng, Junli  
 APPLICANT: Funk, Walter  
 APPLICANT: Andrews, William H.  
 TITLE OF INVENTION: Mammalian Telomerase  
 NUMBER OF SEQUENCES: 42  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0., Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/057,351  
 FILING DATE: 08-APR-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 07-JUN-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/472,802  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000821US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0300  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: Linear  
 MOLECULE TYPE: RNA  
 US-09-057-351-2/c

RESULT 2  
 Sequence 19, Application US/09057351  
 Patent No. US20010034439A1  
 GENERAL INFORMATION:  
 APPLICANT: Villeponteau, Bryant  
 APPLICANT: Peng, Junli  
 APPLICANT: Funk, Walter  
 APPLICANT: Andrews, William H.  
 TITLE OF INVENTION: Mammalian Telomerase  
 NUMBER OF SEQUENCES: 42  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0., Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/057,351  
 FILING DATE: 08-APR-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/272,102  
 FILING DATE: 07-JUN-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/472,802  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000821US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0300  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 11 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: Linear  
 MOLECULE TYPE: RNA  
 US-09-057-351-2/c

RESULT 3  
 Sequence 5, Application US/10122630  
 Publication No. US20030032610A1  
 GENERAL INFORMATION:  
 APPLICANT: Gilchrist, Barbara A.  
 APPLICANT: Eller, Mark S.  
 APPLICANT: Yaar, Mina  
 TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
 FILE REFERENCE: 0054-1088-018  
 CURRENT APPLICATION NUMBER: US/10/122,630  
 PRIOR APPLICATION NUMBER: 08/386  
 PRIOR FILING DATE: 2002-04-12  
 PRIOR APPLICATION NUMBER: US 08/467,012  
 PRIOR FILING DATE: 1995-06-06  
 PRIOR APPLICATION NUMBER: PCT/US96/08386  
 PRIOR FILING DATE: 1996-06-03  
 PRIOR APPLICATION NUMBER: US 09/048,927  
 PRIOR FILING DATE: 1998-03-26  
 PRIOR APPLICATION NUMBER: US 09/540,843  
 PRIOR FILING DATE: 2000-03-31  
 PRIOR APPLICATION NUMBER: PCT/US01/10162  
 PRIOR FILING DATE: 2001-03-30  
 NUMBER OF SEQ ID NOS: 15  
 SOFTWARE: FastSSQ for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:

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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-5 ; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5

Query Match 100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Indels 0; Mismatches 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 4
US-10-122-630-9/C
; Sequence 9, Application US/10122630
; Publication No. US2003032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; ATTORNEY: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; OLigonucleotides
; FILE REFERENCE: 0054-1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9 ; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9

Query Match 100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Indels 0; Mismatches 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

RESULT 5
US-10-122-633-5 ; SEQ ID NO 5
; Sequence 5, Application US/10122633
; Publication No. US2003032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; ATTORNEY: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; OLigonucleotides
; FILE REFERENCE: 0054-1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5 ; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5

Query Match 100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Indels 0; Mismatches 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

RESULT 6
US-10-122-633-9/C
; Sequence 9, Application US/10122633
; Publication No. US2003032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; ATTORNEY: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; OLigonucleotides
; FILE REFERENCE: 0054-1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9 ; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-9

Query Match 100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Indels 0; Mismatches 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

RESULT 7
US-10-255-535-4
; Sequence 4, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; ATTORNEY: Gryaznov, Sergei
; ATTORNEY: Ponrarcz, Krisztina
; ATTORNEY: Tolman, Richard L.
; ATTORNEY: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2003-03-21
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
SEQ ID NO 4 ; SEQ ID NO 4
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-255-535-4

Query Match 100.0%; Score 11; DB 14; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Indels 0; Mismatches 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 11

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SEQ ID NO 4  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: oligonucleotide  
 US-10-255-535-4

Query Match    100.0%;    Score 11;    DB 15;    Length 11;  
 Best Local Similarity 100.0%;    Pred. No. 7.8e+03;  
 Matches 11;    Conservative 0;    Mismatches 0;    Indels 0;    Gaps 0;

Qy    1 GTTACGGTTAG 11  
 Db    1 GTTACGGTTAG 11

RESULT 8  
 US-10-255-535-14  
 Sequence 14, Application US/10255535  
 Publication No. US20030138814A1  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 Gryaznov, Sergei  
 Pongracz, Kristina  
 Tolman, Richard L.  
 APPLICANT: Morin, Gregg B.  
 TITLE OF INVENTION: Oligonucleotide Conjugates  
 CURRENT APPLICATION NUMBER: US/10/255,535  
 FILE REFERENCE: 072/002P  
 PRIOR FILING DATE: 2002-09-25  
 CURRENT FILING DATE: 2002-03-21  
 PRIOR APPLICATION NUMBER: PCT/US02/09138  
 PRIOR FILING DATE: 2002-03-21  
 PRIOR FILING DATE: 2001-03-23  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 14  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: oligonucleotide  
 US-10-255-535-14

Query Match    100.0%;    Score 11;    DB 15;    Length 11;  
 Best Local Similarity 100.0%;    Pred. No. 7.8e+03;  
 Matches 11;    Conservative 0;    Mismatches 0;    Indels 0;    Gaps 0;

Qy    1 GTTACGGTTAG 11  
 Db    1 GTTACGGTTAG 11

RESULT 10  
 US-10-463-076-1  
 Sequence 1, Application US/1043076  
 Publication No. US20030212032A1  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 Gryaznov, Sergei  
 Pongracz, Kristina  
 APPLICANT: Matray, Tracey  
 APPLICANT: FILE REFERENCE: 039/004C  
 TITLE OF INVENTION: Oligonucleotide 3'-->P5' Thiophosphoramidates: Their Synthesis and  
 CURRENT FILING DATE: 2003-06-17  
 PRIOR APPLICATION NUMBER: US/10/463,076  
 PRIOR FILING DATE: 2000-09-08  
 PRIOR APPLICATION NUMBER: US 60/153,201  
 PRIOR FILING DATE: 1999-09-10  
 PRIOR APPLICATION NUMBER: US 60/160,444  
 PRIOR FILING DATE: 1999-10-19  
 NUMBER OF SEQ ID NOS: 9  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

RESULT 9  
 US-10-359-935-2/C  
 Sequence 2, Application US/1035935  
 Publication No. US20030153076A1  
 GENERAL INFORMATION:  
 APPLICANT: Viljeponneau, Bryant  
 Feng, Junli  
 Funk, Walter  
 Andrews, William H.  
 TITLE OF INVENTION: Mammalian Telomerase  
 NUMBER OF SEQUENCES: 42  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:

Query Match    100.0%;    Score 11;    DB 17;    Length 11;

US-10-863-399-63  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 RESULT 11  
 US-10-181-823-16  
 Sequence 16, Application US/10181823  
 Publication No. US20040126752A1  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 FILE REFERENCE: 049/002  
 CURRENT FILING DATE: 2003-12-29  
 PRIOR APPLICATION NUMBER: PCT/US01/01918  
 PRIOR FILING DATE: 2001-01-19  
 NUMBER OF SEQ ID NOS: 23  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 16  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 Thei  
 ;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 Query 1 GTTACGGTTAG 11  
 Db 1 GTTAGGGTTAG 11  
 RESULT 12  
 US-10-181-823-20  
 Sequence 20, Application US/10181823  
 Publication No. US20040126752A1  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 FILE REFERENCE: 049/002  
 CURRENT FILING DATE: 2003-12-29  
 PRIOR APPLICATION NUMBER: PCT/US01/01918  
 PRIOR FILING DATE: 2001-01-19  
 NUMBER OF SEQ ID NOS: 23  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 20  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 Thei  
 ;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 Query 1 GTTACGGTTAG 11  
 Db 1 GTTAGGGTTAG 11  
 RESULT 13  
 US-10-863-399-63  
 Sequence 16, Application US/10181823  
 Publication No. US20040126752A1  
 GENERAL INFORMATION:  
 APPLICANT: BREIPOLL, GERHARD  
 FILE REFERENCE: 0481-1742  
 CURRENT APPLICATION NUMBER: US/101863-999  
 CURRENT FILING DATE: 2004-06-09  
 PRIOR APPLICATION NUMBER: US/09/835,370  
 PRIOR FILING DATE: 2001-04-17  
 NUMBER OF SEQ ID NOS: 64  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO: 63  
 LENGTH: 11  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: nucleotide sequence listing  
 OTHER INFORMATION: base sequence of RNA derivatives that bind to viral and cellular targets  
 OTHER INFORMATION: viral and cellular targets  
 US-10-863-399-63  
 Query Match 100.0%; Score 11; DB 18; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 Query 1 GTTACGGTTAG 11  
 Db 1 GTTAGGGTTAG 11  
 RESULT 14  
 US-10-831-266-1/C  
 Sequence 1, Application US/10831266  
 Publication No. US20050003404A1  
 GENERAL INFORMATION:  
 APPLICANT: ROWLEY, Peter T.  
 FILE REFERENCE: A-71506-1/RFT/THR  
 CURRENT APPLICATION NUMBER: US/10/831,266  
 CURRENT FILING DATE: 2004-04-22  
 PRIOR APPLICATION NUMBER: PCT/US 02/33065  
 PRIOR FILING DATE: 2002-10-16  
 PRIOR APPLICATION NUMBER: US 60/345,326  
 PRIOR FILING DATE: 2001-10-22  
 PRIOR APPLICATION NUMBER: US 60/359,196  
 PRIOR FILING DATE: 2002-02-20  
 PRIOR APPLICATION NUMBER: US 60/383,195  
 PRIOR FILING DATE: 2002-05-22  
 NUMBER OF SEQ ID NOS: 17  
 SEQ ID NO: 1  
 LENGTH: 11  
 TYPE: RNA  
 ORGANISM: Artificial  
 FEATURE:  
 OTHER INFORMATION: telomerase RNA fragment  
 US-10-831-266-1  
 Query Match 100.0%; Score 11; DB 18; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 Query 1 GTTACGGTTAG 11  
 Db 1 GTTAGGGTTAG 11  
 Query Match 100.0%; Score 11; DB 18; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03; Mismatches 0; Indels 0; Gaps 0;  
 Matches 11; Conservative 0;  
 Query 1 GTTACGGTTAG 11  
 Db 1 GTTAGGGTTAG 11

RESULT 15

US-10-831-267-1/C  
 ; Sequence 1, Application US/10831267  
 ; Publication No. US2005009177A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rowley, Peter T.  
 ; TITLE OF INVENTION: TELOMERASE INTERFERENCE FILE REFERENCE: A-71506-2/RPT/0TR  
 ; CURRENT FILING DATE: 2004-04-22  
 ; PRIOR APPLICATION NUMBER: PCT/US 02/33146  
 ; PRIOR FILING DATE: 2002-10-16  
 ; PRIOR APPLICATION NUMBER: US 10/831,267  
 ; PRIOR FILING DATE: 2001-10-22  
 ; PRIOR FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: US 60/345,326  
 ; PRIOR FILING DATE: 2002-05-22  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 1  
 ; LENGTH: 11  
 ; TYPE: RNA  
 ; FEATURE:  
 ; OTHER INFORMATION: telomerase RNA fragment

US-10-831-267-1  
 ; Query Match 100.0%; Score 11; DB 19; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 11 GTTACGGTTAG 11

RESULT 16  
 US-10-967-755-1  
 ; Sequence 1, Application US/10967755  
 ; Publication No. US20050049108A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Geron Corporation  
 ; APPLICANT: Gryaznov, Sergei  
 ; APPLICANT: Pongracz, Kristina  
 ; APPLICANT: Matray, Tracey  
 ; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and Use  
 ; FILE REFERENCE: 039/005C  
 ; CURRENT APPLICATION NUMBER: US/10/967,755  
 ; PRIOR APPLICATION NUMBER: US 10/463,076  
 ; PRIOR FILING DATE: 2003-06-17  
 ; PRIOR FILING DATE: 2000-09-08  
 ; PRIOR APPLICATION NUMBER: US 60/153,201  
 ; PRIOR FILING DATE: 1999-09-10  
 ; PRIOR FILING DATE: 1999-10-19  
 ; NUMBER OF SEQ ID NOS: 9  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 1  
 ; LENGTH: 11  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity

US-10-967-755-1  
 ; Query Match 100.0%; Score 11; DB 19; Length 11;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11

RESULT 17  
 US-10-257-017B-305261  
 ; Sequence 305261, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: B01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO 305261  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021360

US-10-257-017B-305261  
 ; Query Match 100.0%; Score 11; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 1 GTTACGGTTAG 11

RESULT 18  
 US-10-257-017B-334175/C  
 ; Sequence 334175, Application US/10257017B  
 ; Publication No. US20040241651A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Alexander Olek  
 ; APPLICANT: Christian Piepenbrock  
 ; APPLICANT: Kurt Berlin  
 ; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation  
 ; FILE REFERENCE: B01/1193/WO  
 ; CURRENT APPLICATION NUMBER: US/10/257,017B  
 ; CURRENT FILING DATE: 2002-10-07  
 ; PRIOR APPLICATION NUMBER: DE 10019173.8  
 ; PRIOR FILING DATE: 2000-04-07  
 ; NUMBER OF SEQ ID NOS: 382046  
 ; SEQ ID NO 334175  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0037989

US-10-257-017B-334175  
 ; Query Match 100.0%; Score 11; DB 18; Length 12;  
 Best Local Similarity 100.0%; Pred. No. 7.8e+03;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTTAG 11  
 Db 12 GTTACGGTTAG 2

RESULT 19  
 US-09-893-252-4  
 ; Sequence 4, Application US/09893252  
 ; Publication No. US20030012755A1

Qy 1 GTTACGGTTAG 11

GENERAL INFORMATION:  
; APPLICANT: Styczynski, Peter  
; APPLICANT: Ahluwalia, Gurpreet S.  
; TITLE OF INVENTION: REDUCTION OF HAIR GROWTH  
; FILE REFERENCE: 00216-552001  
; CURRENT APPLICATION NUMBER: US/09/893,252  
; CURRENT FILING DATE: 2001-10-12  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PastSEQ for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 13  
; TYPE: RNA  
; ORGANISM: Homo sapiens

US-09-893-252-4

Query Match Score 11; DB 10; Length 13;  
Best Local Similarity 63.6%; Pred. No. 7.7e+03;  
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTAG 11  
Db 3 GUAGGGTAG 13

RESULT 20  
US-10-038-335-1  
; Sequence 1, Application US/100380335  
; Publication No. US20030096776A1  
GENERAL INFORMATION:  
; APPLICANT: Ecker, David J.  
; APPLICANT: Wyatt, Jacqueline  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Hanecka, Ronnie  
; APPLICANT: Brown-Drivver, Vickie  
; APPLICANT: Vickers, Timothy  
; APPLICANT: Chiang, Ming-yi  
; APPLICANT: Anderson, Kevin  
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core  
; TITLE OF INVENTION: Sequence  
; FILE REFERENCE: ISIS-4976  
; CURRENT APPLICATION NUMBER: US/10/038,335  
; CURRENT FILING DATE: 2001-01-02  
; PRIOR APPLICATION NUMBER: 09/299,058  
; PRIOR FILING DATE: 1999-04-23  
; PRIORITY NUMBER: 08/403,888  
; PRIOR APPLICATION NUMBER: 1995-06-12  
; PRIOR FILING DATE: 1993-09-29  
; PRIORITY NUMBER: PCT/US93/09297  
; PRIOR APPLICATION NUMBER: 1993-09-29  
; PRIOR FILING DATE: 1992-09-29  
; PRIORITY NUMBER: 07/954,185  
; SOFTWARE: PatentIn version 3.1  
; NUMBER OF SEQ ID NOS: 10  
; SEQ ID NO 2  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: No. US20030096776A1el sequence  
; OTHER INFORMATION: Antisense sequence

Query Match Score 11; DB 14; Length 13;  
Best Local Similarity 63.6%; Pred. No. 7.7e+03;  
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTAG 11  
Db 3 GUAGGGTAG 13

RESULT 21  
US-10-038-335-2  
; Sequence 2, Application US/10038335  
; Publication No. US20030096776A1

RESULT 22  
US-10-347-253-1  
; Sequence 1, Application US/10347253  
; Publication No. US20030175776A1  
GENERAL INFORMATION:  
; APPLICANT: Hitachi Software Engineering Co.,Ltd.  
; TITLE OF INVENTION: Accelerator And Acceleration Method For Hybridization  
; FILE REFERENCE: 138051  
; CURRENT APPLICATION NUMBER: US/10/347,253  
; CURRENT FILING DATE: 2003-01-21  
; NUMBER OF SEQ ID NOS: 3  
; SEQ ID NO 1  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

Query Match Score 11; DB 16; Length 13;  
Best Local Similarity 100.0%; Pred. No. 7.7e+03;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTACGGTAG 11  
Db 1 GTTACGGTAG 11

RESULT 23  
US-10-348-451-1  
; Sequence 1, Application US/10368451

```

: Publication No. US20030186298A1
: GENERAL INFORMATION:
: APPLICANT: Hitachi Software Engineering Co., Ltd.
: TITLE OF INVENTION: POLYMER CHIP AND METHOD FOR IDENTIFYING AN IONIC POLYMER
: FILE REFERENCE: PH-1700
: CURRENT APPLICATION NUMBER: US/10/369,451
: CURRENT FILING DATE: 2003-02-20
: PRIORITY APPLICATION NUMBER: JP 2002-090129
: PRIORITY FILING DATE: 2002-03-28
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO: 1
: LENGTH: 13
: TYPE: DNA
: ORGANISM: Artificial sequence
: FEATURE:
: OTHER INFORMATION: Artificial sequence synthesized by a sequencer by the inventors
US-10-368,451-1

RESULT 24
US-10-463-076-8
Query Match          100.0%; Score 11; DB 16; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTTACGGTTAG 11
Db      1 GTTACGGTTAG 11

RESULT 24
US-10-463-076-8
Query Match          100.0%; Score 11; DB 17; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTTACGGTTAG 11
Db      3 GTTACGGTTAG 13

RESULT 25
US-10-257-017B-19897
Query Match          100.0%; Score 11; DB 17; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTTACGGTTAG 11
Db      3 GTTACGGTTAG 13

RESULT 25
US-10-257-017B-19897
Query Match          100.0%; Score 11; DB 17; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy      1 GTTACGGTTAG 11
Db      3 GTTACGGTTAG 13

```

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; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19897
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004102
; US-10-257-017B-19897

Query Match          100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTAG 11
        ||||| | |
Db      2 GTTAGGGTAG 12
        ||||| | |



RESULT 26
US-10-257-017B-19898/c
; Sequence 19898, Application US/10257017B
; Publication No. US20040211651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19898
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004102
; US-10-257-017B-19898

Query Match          100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAGGGTAG 11
        ||||| | |
Db      12 GTTAGGGTAG 2
        ||||| | | |



RESULT 27
US-10-257-017B-102799
; Sequence 102799, Application US/10257017B
; Publication No. US20040211651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 19897
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0004102
; US-10-257-017B-102799

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; PRIORITY FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSCC0025688
US-10-257-017B-102799

Query Match      100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTTACGGTTAG 11
Db   1 GTTACGGTTAG 11

RESULT 28
US-10-257-017B-102800/c
; Sequence 102800, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; ATTORNEY/AGENT INFORMATION: Christian Piepenbrock
; INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DB 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 102800
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSCC0025688
US-10-257-017B-102800

Query Match      100.0%; Score 11; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTTACGGTTAG 11
Db   13 GTTACGGTTAG 3

RESULT 29
US-10-967-755-8
; Sequence 8, Application US/10967755
; Publication No. US20050049108A1
; GENERAL INFORMATION:
; APPLICANT: Goryainov, Sergei
; APPLICANT: Matrey, Tracey
; APPLICANT: Pongracz, Kristina
; INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis and Use
; FILE REFERENCE: 039/005C
; CURRENT APPLICATION NUMBER: US/10/967,755
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: US 10/463,076
; PRIOR FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19

Query Match      100.0%; Score 11; DB 19; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTTACGGTTAG 11
Db   3 GTTACGGTTAG 13

RESULT 30
US-10-232-927A-20/c
; Sequence 20, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; ATTORNEY/AGENT INFORMATION: Calvin B. Harley
; INVENTION: Synthetic oligonucleotide with potential inhibition activity
; FILE REFERENCE: US-10-967-755-8
; CURRENT APPLICATION NUMBER: US/10/967,755
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19

Query Match      100.0%; Score 11; DB 19; Length 13;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 GTTACGGTTAG 11
Db   3 GTTACGGTTAG 13

; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS RELATED TO TELOMERE LENGTH AND/OR TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C., DOS 5.0
; SOFTWARE: FastSEQ For Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-11600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
;
```

TYPE: nucleic acid  
 STRANDEDNESS: single  
 SEQUENCE TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
 US-10-232-927A-20

Query Match	100.0%	Score 11;	DB 16;	Length 16;
Best Local Similarity	100.0%	Pred. No.	7.7e+03;	
Matches	11;	Conservative	0;	Mismatches 0;
Qy	1	GTTAGGGTAG 11		
Db	13	GTTAGGGTAG 3		

RESULT 31  
 US-10-333-152A-8  
 Sequence 8 Application US/10333152A  
 Publication No. US20040170980A1  
 GENERAL INFORMATION:  
 APPLICANT: SAITO, ISAO  
 ATTORNEY OR AGENT NAME: SHIMURA, SHINJI  
 TITLE OF INVENTION: MOLECULES CAPABLE OF BINDING TO TELOMERE AND THE LIKE  
 TITLE OF INVENTION: AND METHOD WITH THE USE OF THE SAME  
 FILE REFERENCE: 58449 (71526)  
 CURRENT APPLICATION NUMBER: US/10/333,152A  
 CURRENT FILING DATE: 2003-01-16  
 PRIOR APPLICATION NUMBER: PCT/JP01/06150  
 PRIOR FILING DATE: 2001-07-17  
 PRIOR APPLICATION NUMBER: JP 2000-216376  
 PRIOR FILING DATE: 2000-07-17  
 NUMBER OF SEQ ID NOS: 9  
 SEQ ID NO 8  
 LENGTH: 16  
 SOFTWARE: PatentIn Ver. 2.1  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 OTHER INFORMATION: Oligonucleotide  
 US-10-333-152A-8

Query Match	100.0%	Score 11;	DB 18;	Length 16;
Best Local Similarity	100.0%	Pred. No.	7.7e+03;	
Matches	11;	Conservative	0;	Mismatches 0;
Qy	1	GTTAGGGTAG 11		
Db	6	GTTAGGGTAG 16		

RESULT 33  
 US-10-831-266-16/C  
 Sequence 16 Application US/10831266  
 Publication No. US20050003404A1  
 GENERAL INFORMATION:  
 APPLICANT: Rowley, Peter T.  
 ATTORNEY OR AGENT NAME: TELOMERASE INTERFERENCE  
 TITLE OF INVENTION: TELOMERASE INTERFERENCE  
 FILE REFERENCE: A-71506-1/RFT/THR  
 CURRENT APPLICATION NUMBER: US/10/831,266  
 CURRENT FILING DATE: 2004-04-22  
 PRIOR APPLICATION NUMBER: PCT/US 02/33065  
 PRIOR FILING DATE: 2002-10-16  
 PRIOR APPLICATION NUMBER: US 60/345,326  
 PRIOR FILING DATE: 2001-10-22  
 PRIOR APPLICATION NUMBER: US 60/359,196  
 PRIOR FILING DATE: 2002-02-20  
 PRIOR APPLICATION NUMBER: US 60/383,195  
 PRIOR FILING DATE: 2002-05-22  
 NUMBER OF SEQ ID NOS: 17  
 SEQ ID NO 16  
 LENGTH: 16  
 SOFTWARE: PatentIn version 3.2  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-831-266-16

Query Match

Score 11;	DB 18;	Length 16;
Best Local Similarity	100.0%;	Pred. No. 7.7e+03;
Matches	11;	Conservative 0;
Qy	1	GTTAGGGTAG 11
Db	14	GTTAGGGTAG 4

RESULT 33  
 US-10-831-266-16/C  
 Sequence 16 Application US/10831266  
 Publication No. US20050003404A1  
 GENERAL INFORMATION:  
 APPLICANT: Rowley, Peter T.  
 ATTORNEY OR AGENT NAME: TELOMERASE INTERFERENCE  
 TITLE OF INVENTION: TELOMERASE INTERFERENCE  
 FILE REFERENCE: A-71506-1/RFT/THR  
 CURRENT APPLICATION NUMBER: US/10/831,267  
 CURRENT FILING DATE: 2004-04-22  
 PRIOR APPLICATION NUMBER: PCT/US 02/33146  
 PRIOR FILING DATE: 2002-10-16  
 PRIOR APPLICATION NUMBER: US 60/345,326  
 PRIOR FILING DATE: 2001-10-22  
 PRIOR APPLICATION NUMBER: US 60/359,196  
 PRIOR FILING DATE: 2002-02-20  
 PRIOR APPLICATION NUMBER: US 60/383,195  
 PRIOR FILING DATE: 2002-05-22  
 NUMBER OF SEQ ID NOS: 23  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 22  
 LENGTH: 16  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 2  
 LENGTH: 16

Query Match

Score 11;	DB 18;	Length 16;
Best Local Similarity	100.0%;	Pred. No. 7.7e+03;
Matches	11;	Conservative 0;
Qy	1	GTTAGGGTAG 11
Db	13	GTTAGGGTAG 3

RESULT 34  
 US-10-831-267-22/C  
 Sequence 22 Application US/10831267  
 Publication No. US20050009177A1  
 GENERAL INFORMATION:  
 APPLICANT: Rowley, Peter T.  
 ATTORNEY OR AGENT NAME: TELOMERASE INTERFERENCE  
 TITLE OF INVENTION: TELOMERASE INTERFERENCE  
 FILE REFERENCE: A-71506-2/RFT/THR  
 CURRENT APPLICATION NUMBER: US/10/831,267  
 CURRENT FILING DATE: 2004-04-22  
 PRIOR APPLICATION NUMBER: PCT/US 02/33146  
 PRIOR FILING DATE: 2002-10-16  
 PRIOR APPLICATION NUMBER: US 60/345,326  
 PRIOR FILING DATE: 2001-10-22  
 PRIOR APPLICATION NUMBER: US 60/359,196  
 PRIOR FILING DATE: 2002-02-20  
 PRIOR APPLICATION NUMBER: US 60/383,195  
 PRIOR FILING DATE: 2002-05-22  
 NUMBER OF SEQ ID NOS: 23  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 22  
 LENGTH: 16  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 2  
 LENGTH: 16

Query Match

Score 11;	DB 18;	Length 16;
Best Local Similarity	100.0%;	Pred. No. 7.7e+03;
Matches	11;	Conservative 0;
Qy	1	GTTAGGGTAG 11
Db	13	GTTAGGGTAG 3

RESULT 32  
 US-10-780-464-2/C  
 Sequence 2 Application US/10780464  
 Publication No. US20040219634A1  
 GENERAL INFORMATION:  
 APPLICANT: Ishikawa, Fuyuki  
 ATTORNEY OR AGENT NAME: Mamoru  
 TITLE OF INVENTION: Artificial Chromosome  
 FILE REFERENCE: 50026/016002  
 CURRENT APPLICATION NUMBER: US/10/780,464  
 CURRENT FILING DATE: 2004-02-17  
 PRIOR APPLICATION NUMBER: 09/254,947  
 PRIOR FILING DATE: 2000-03-13  
 PRIOR APPLICATION NUMBER: PCT/JP97/03305  
 PRIOR FILING DATE: 1997-09-18  
 PRIOR APPLICATION NUMBER: JP 8/246749  
 PRIOR FILING DATE: 1996-09-18  
 NUMBER OF SEQ ID NOS: 2  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 2  
 LENGTH: 16

Query Match Similarity 100.0%; Score 11; DB 19; Length 16;  
 Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTGGGTTAG 11  
 Db 13 GTTGGGTTAG 3

RESULT 35  
 US-08-463-404-4/c  
 Sequence 4, Application US/08463404  
 Publication No. US20020127634A1  
 GENERAL INFORMATION:  
 / APPLICANT: Michael D. West  
 / APPLICANT: Jerry W. Shay  
 / APPLICANT: Woodring B. Wright  
 / APPLICANT: Elizabeth Blackburn  
 / TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS RELATED TO TELOMERE LENGTH AND/OR  
 / TITLE OF INVENTION: RELATED TO TELOMERASE ACTIVITY  
 / NUMBER OF SEQUENCES: 57  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Lyon & Lyon  
 / STREET: 633 West Fifth Street  
 / CITY: Los Angeles  
 / STATE: California  
 / COUNTRY: U.S.A.  
 / ZIP: 90071-2066  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 / MEDIUM TYPE: Storage  
 / COMPUTER: IBM Compatible  
 / OPERATING SYSTEM: IBM P.C. DOS 5.0  
 / SOFTWARE: Word Perfect 5.1  
 / CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/463,404  
 / FILING DATE: 05-JUN-1995  
 / CLASSIFICATION: 435  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: 08/060,952  
 / FILING DATE: MAY 13, 1993  
 / APPLICATION NUMBER: 07/882,438  
 / FILING DATE: MAY 13, 1992  
 / APPLICATION NUMBER: 08/038,766  
 / FILING DATE: March 24, 1993  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Warburg, Richard J.  
 / REGISTRATION NUMBER: 32,327  
 / REFERENCE/DOCKET NUMBER: 202/045  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (213) 489-1600  
 / TELEX: 67-3510  
 / INFORMATION FOR SEQ ID NO: 5:  
 / LENGTH: 18  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 18  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / US-08-463-404-5

Query Match Similarity 100.0%; Score 11; DB 8; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTGGGTTAG 11  
 Db 13 GTTGGGTTAG 3

RESULT 36  
 US-08-463-404-5  
 Sequence 5, Application US/08463404  
 Publication No. US20020127634A1  
 GENERAL INFORMATION:  
 / APPLICANT: Michael D. West  
 / APPLICANT: Jerry W. Shay  
 / APPLICANT: Woodring B. Wright  
 / APPLICANT: Elizabeth Blackburn  
 / TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS RELATED TO TELOMERE LENGTH AND/OR  
 / TITLE OF INVENTION: RELATED TO TELOMERASE ACTIVITY  
 / NUMBER OF SEQUENCES: 57  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Lyon & Lyon  
 / STREET: 633 West Fifth Street  
 / CITY: Los Angeles  
 / STATE: California  
 / COUNTRY: U.S.A.  
 / ZIP: 90071-2066  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 / MEDIUM TYPE: Storage  
 / COMPUTER: IBM Compatible  
 / OPERATING SYSTEM: IBM P.C. DOS 5.0  
 / SOFTWARE: Word Perfect 5.1  
 / CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/463,404  
 / FILING DATE: 05-JUN-1995  
 / CLASSIFICATION: 435  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: 08/060,952  
 / FILING DATE: MAY 13, 1993  
 / APPLICATION NUMBER: 07/882,438  
 / FILING DATE: MAY 13, 1992  
 / APPLICATION NUMBER: 08/038,766  
 / FILING DATE: March 24, 1993  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Warburg, Richard J.  
 / REGISTRATION NUMBER: 32,327  
 / REFERENCE/DOCKET NUMBER: 202/045  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (213) 489-1600  
 / TELEX: 67-3510  
 / INFORMATION FOR SEQ ID NO: 5:  
 / LENGTH: 18  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 18  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / US-08-463-404-5

Query Match Similarity 100.0%; Score 11; DB 8; Length 18;  
 Best Local Similarity 100.0%; Pred. No. 7.7e+03; Indels 0; Gaps 0;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTGGGTTAG 11  
 Db 13 GTTGGGTTAG 3

RESULT 37  
 US-09-057-351-26  
 Sequence 26, Application US/09057351  
 Patent No. US200103439A1  
 GENERAL INFORMATION:  
 / APPLICANT: Fang, Junli  
 / APPLICANT: Funk, Walter  
 / APPLICANT: Andrews, William H.  
 / TITLE OF INVENTION: Mammalian Telomerase

NUMBER OF SEQUENCES: 42  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/057,351  
 FILING DATE: 08-APR-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/472,802  
 FILING DATE: 07-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/330,123  
 FILING DATE: 27-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/472,802  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-000821US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 26:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 -IS-09-057-351-26

Query Match Similarity 100.0%; Score 11; DB 9; Le  
 Best Local Similarity 100.0%; Pred. No. 7.7e+03;  
 Matches 11; Conservative 0; Mismatches 0;

<chem>GTTAGGGTTAG</chem> 11  <chem>GTTAGGGTTAG</chem> 16	<chem>GTTAGGGTTAG</chem> 11  <chem>GTTAGGGTTAG</chem> 16
--	--

Y  
 b

RESULT 38  
 -IS-09-947-659-1/c  
 Sequence 1, Application US/09/47659  
 Patent No. US20020114797A1  
 GENERAL INFORMATION:  
 APPLICANT: CHABOT, Benoit  
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE EXPRESSION OF TELOMERASE  
 FILE REFERENCE: 13024.2  
 CURRENT APPLICATION NUMBER: US/09/947,659  
 CURRENT FILING DATE: 2001-09-06  
 PRIOR APPLICATION NUMBER: US 09/214,178  
 PRIOR FILING DATE: 1999-02-25  
 PRIOR APPLICATION NUMBER: PCT/CA97/00471  
 PRIOR FILING DATE: 1997-06-30  
 PRIOR APPLICATION NUMBER: 60/020,956  
 PRIOR FILING DATE: 1996-07-01  
 NUMBER OF SEQ ID NOS: 10  
 SOFTWARE: Patentin Ver. 2.1  
 SEQ ID NO 1  
 LENGTH: 18  
 TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-1

Query Match      100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAAAGGTAG 11
Db      13 GTTAAAGGTAG 3

RESULT 39
US-09-947-659-2
; Sequence 2, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; TITLE OF INVENTION: TELOMERES
; FILE REFERENCE: 13024-2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-2

Query Match      100.0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTTAAAGGTAG 11
Db      6 GTTAAAGGTAG 16

RESULT 40
US-09-947-659-7
; Sequence 7, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; TITLE OF INVENTION: TELOMERES
; FILE REFERENCE: 13024-2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 7
; LENGTH: 18

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-947-659-7

Query Match      100 0%; Score 11; DB 9; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.7e-03;
Matches 11; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy   1 GTTACGGTTAG 11
     ||||| | |
Db   2 GTTAGGGTTAG 12
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Search completed: March 22, 2005, 19:09:41  
Job time : 393.958 secs

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GenCore version 5.1.6  
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## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 43.3333 Seconds

(without alignments)

188.801 Million cell updates/sec

Title: US-09-540-843-6  
Perfect score: 5  
Sequence: 1 catac 5Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents\_NA.\*

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3: /cgn2_6/podata/1/ina/6A_COMB.seq/*
4: /cgn2_6/podata/1/ina/6B_COMB.seq/*
5: /cgn2_6/podata/1/ina/PCTUS_COMB.seq/*
6: /cgn2_6/podata/1/ina/backfile1.seq/*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB	ID	Description
c 1	5	100.0	5	3	US-08-855-372B-20	Sequence 20, Appli	Sequence 20, Appli
c 2	5	100.0	5	3	US-09-148-97-4	Sequence 4, Appli	Sequence 4, Appli
c 3	5	100.0	5	3	US-09-591-20	Sequence 20, Appli	Sequence 6, Appli
c 4	5	100.0	7	1	US-08-615-170-10	Sequence 10, Appli	Sequence 4, Appli
c 5	5	100.0	7	1	US-08-515-170-12	Sequence 12, Appli	Sequence 82, Appli
c 6	5	100.0	7	3	US-09-048-97-3	Sequence 3, Appli	Sequence 151, Appli
c 7	5	100.0	8	4	US-09-142-593-11	Sequence 11, Appli	Sequence 1, Appli
c 8	5	100.0	8	4	US-09-127-986-17	Sequence 17, Appli	Sequence 9, Appli
c 9	5	100.0	9	2	US-08-583-276-1	Sequence 1, Appli	Sequence 1, Appli
c 10	5	100.0	9	3	US-08-646-789A-8	Sequence 8, Appli	Sequence 4, Appli
c 11	5	100.0	9	3	US-08-646-789A-80	Sequence 80, Appli	Sequence 1, Appli
c 12	5	100.0	9	3	US-09-048-927-1	Sequence 1, Appli	Sequence 21, Appli
c 13	5	100.0	9	3	US-09-319-648-68	Sequence 68, Appli	Sequence 5, Appli
c 14	5	100.0	9	4	US-10-396-516-32	Sequence 32, Appli	Sequence 7, Appli
c 15	5	100.0	10	1	US-09-263-790-37	Sequence 37, Appli	Sequence 125, Appli
c 16	5	100.0	10	1	US-09-721-777-19	Sequence 19, Appli	Sequence 1, Appli
c 17	5	100.0	10	1	US-08-335-555A-27	Sequence 27, Appli	Sequence 1, Appli
c 18	5	100.0	10	1	US-08-250-951-1	Sequence 1, Appli	Sequence 18, Appli
c 19	5	100.0	10	1	US-8-232-233-1	Sequence 1, Appli	Sequence 5, Appli
c 20	5	100.0	10	1	US-08-122-177A-422	Sequence 422, Appli	Sequence 7, Appli
c 21	5	100.0	10	1	US-08-351-748-23	Sequence 23, Appli	Sequence 9, Appli
c 22	5	100.0	10	1	US-08-351-748-25	Sequence 25, Appli	Sequence 9, Appli
c 23	5	100.0	10	1	US-08-302-957-25	Sequence 25, Appli	Sequence 3, Appli
c 24	5	100.0	10	1	US-08-430-516A-23	Sequence 23, Appli	Sequence 18, Appli
c 25	5	100.0	10	1	US-08-430-536A-25	Sequence 25, Appli	Sequence 21, Appli
c 26	5	100.0	10	1	US-08-171-718-45	Sequence 45, Appli	Sequence 5, Appli
c 27	5	100.0	10	2	US-08-703-601-1	Sequence 1, Appli	Sequence 59, Appli

## ALIGNMENTS

RESULT 1  
US-08-855-372B-20/c  
Sequence 20, Application US/08855372B  
Patent No. 6090549

GENERAL INFORMATION:  
APPLICANT: Mirzabekov, Andrei D  
APPLICANT: Parinov, Sergei V  
APPLICANT: Barsky, Victor E  
APPLICANT: Kirillov, Eugene V  
APPLICANT: Dubiley, Svetlana A

TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic

NUMBER OF SEQUENCES: 88

CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHERSKOV & FLAYNIK  
STREET: 20 N. Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.50 inch, 1.4 MB storage  
COMPUTER: PC  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/855,372B  
FILING DATE: 13-MAY-97

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: U.S. 08/587,332  
FILING DATE: 16-JAN-96

ATTORNEY/AGENT INFORMATION:  
NAME: Chershov, Michael J.  
REGISTRATION NUMBER: 33,664  
REGISTRATION NUMBER: ANL-IN-95-027

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 621-1330  
TELEFAX: (312) 621-0088

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:  
LENGTH: 5 bases  
TYPE: nucleic acid  
STRANDNESS: No. 6090549 Applicable  
TOPOLOGY: Linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: Yes

US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 5 CATAc 1

---

RESULT 3  
US-09-498-851-20/c  
Sequence 20, Application US/09498851  
Patent No. 6440671

GENERAL INFORMATION:  
APPLICANT: Mirzabekov, Andrei D  
APPLICANT: Parinov, Sergei V  
APPLICANT: Barsky, Victor E  
APPLICANT: Kirillov, Eugene V  
APPLICANT: Dubiley, Svetlana A

TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic Tool.

NUMBER OF SEQUENCES: 88

CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHERSKOV & FLAYNIK  
STREET: 20 N. Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.50 inch, 1.4 MB storage  
COMPUTER: PC  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/498,851

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/855,372  
FILING DATE: 13-MAY-97  
APPLICATION NUMBER: U.S. 08/587,332  
FILING DATE: 16-JAN-96

ATTORNEY/AGENT INFORMATION:  
NAME: Chershov, Michael J.  
REGISTRATION NUMBER: 33,664  
REGISTRATION NUMBER: ANL-IN-95-027

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312) 621-1330  
TELEFAX: (312) 621-0088

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:  
LENGTH: 5 bases  
TYPE: nucleic acid  
STRANDNESS: No. 6090549 Applicable  
TOPOLOGY: Linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: Yes

US-09-498-851-20

Query Match 100.0%; Score 5; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 3e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 5 CATAc 1

---

RESULT 2  
US-09-048-927-4/c  
Sequence 4, Application US/09048827  
Patent No. 6147056

GENERAL INFORMATION:  
APPLICANT: Gilchrist, Barbara A.  
APPLICANT: Yaar, Mina  
APPLICANT: Eller, Mark

TITLE OF INVENTION: Use of Locally Applied DNA Fragments

CURRENT APPLICATION NUMBER: US/09/048,927  
CURRENT FILING DATE: 1998-03-26

Query Match 100.0%; Score 5; DB 3; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 3e+08; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

RESULT 4  
 US-08-615-170-10  
 ; Sequence 10, Application US/08615170  
 ; Patent No. 5776776  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ORDAHL, Charles P.

APPLICANT: AZAKIE, Anthony  
 APPLICANT: MAR, Janet H.  
 APPLICANT: FARRANCE, Iain K.G.  
 APPLICANT: HALL, Deborah E.

APPLICANT: STEWART, Alexandre F.R.  
 APPLICANT: LARKIN, Sarah B.  
 TITLE OF INVENTION: DTFP-1 ISOFORMS AND USES THEREOF  
 NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:  
 ADDRESS: Townsend and Townsend Khourie and Crew  
 STREET: Stewart Street Tower, One Market Plaza  
 CITY: San Francisco

STATE: California  
 COUNTRY: US  
 ZIP: 94105-1493

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/615,170  
 FILING DATE:

CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/01526

FILING DATE: 06-FEB-1995  
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/191,493  
 FILING DATE: 04-FEB-1994

CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Heslin, James M.

REGISTRATION NUMBER: 29,541  
 REFERENCE/DOCKET NUMBER: 2307U-053120  
 TELEPHONE: (415) 326-2400

TELEFAX: (415) 326-2422  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 7 base pairs

NAM/KY: misc\_feature  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA

FEATURE:  
 LENGTH: 1.7  
 OTHER INFORMATION: /standard name= "Sph-II binding site in SV40"  
 US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 1 CATAc 5

RESULT 5  
 US-08-615-170-12  
 ; Sequence 12, Application US/08615170  
 ; Patent No. 5776776  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ORDAHL, Charles P.  
 ; APPLICANT: AZAKIE, Anthony  
 ; APPLICANT: MAR, Janet H.  
 ; APPLICANT: FARRANCE, Iain K.G.  
 ; APPLICANT: HALL, Deborah E.  
 ; APPLICANT: STEWART, Alexandre F.R.  
 ; APPLICANT: LARKIN, Sarah B.  
 ; TITLE OF INVENTION: DTFP-1 ISOFORMS AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend Khourie and Crew  
 ; STREET: Stewart Street Tower, One Market Plaza  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: US  
 ; ZIP: 94105-1493  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent-In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/615,170  
 ; FILING DATE:

CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/01526  
 FILING DATE: 06-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Heslin, James M.  
 REGISTRATION NUMBER: 29,541  
 REFERENCE/DOCKET NUMBER: 2307U-053120  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 326-2400  
 TELEFAX: (415) 326-2422  
 INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 7 base pairs  
 NAM/KY: misc\_feature  
 LOCATION: 1..7  
 OTHER INFORMATION: /standard name= "Rat beta-Myosin Heavy Chain M-CAT binding element"  
 US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 1 CATAc 5

RESULT 6

US-09-048-927-3/c  
 Sequence 3, Application US/09048927  
 Patent No. 6147056  
 GENERAL INFORMATION:  
 APPLICANT: Gilchrist, Barbara A.  
 APPLICANT: Yaar, Mina  
 APPLICANT: Biles, Mark  
 TITLE OF INVENTION: Use of Locally Applied DNA Fragments  
 FILE REFERENCE: BU94-68A2  
 CURRENT APPLICATION NUMBER: US/09/048,927  
 CURRENT FILING DATE: 1998-03-26  
 EARLIER APPLICATION NUMBER: 08/1952,697  
 EARLIER FILING DATE: 1996-06-03  
 EARLIER APPLICATION NUMBER: 08/1467,012  
 EARLIER FILING DATE: 1995-06-06  
 NUMBER OF SEQ ID NOS: 4  
 SOFTWARE: FastSEQ for Windows Version 3.0  
 SEQ ID NO: 3  
 LENGTH: 7  
 FEATURE: DNA  
 ORGANISM: Artificial Sequence  
 OTHER INFORMATION: DNA Fragment

US-09-048-927-3  
 Query Match 100.0%; Score 5; DB 3; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+08;  
 Matches 5; Conservative 0; Nismatches 0; Indels 0;  
 Gaps 0;  
 Qy 1 CATAc 5  
 Db 6 CATAc 2

RESULT 7  
 US-09-142-593-11  
 Sequence 11, Application US/09142593  
 GENERAL INFORMATION:  
 APPLICANT: HACKETT ET AL.  
 TITLE OF INVENTION: DNA BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
 NUMBER OF SEQUENCES: 63  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MUETTING, RAASCH & GEBHARDT, P.A.  
 STREET: 119 NORTH FOURTH STREET, SUITE 203  
 STATE: MINNESOTA  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/142,593  
 FILING DATE: 10-SEP-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/040,664  
 FILING DATE: 11-MAR-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/053,868  
 FILING DATE: 28-JUL-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/065,303  
 FILING DATE: 13-NOV-1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US98/04687  
 FILING DATE: 11-MAR-1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SANDBERG, VICTORIA A.

US-09-927-886-17  
 Sequence 17, Application US/09927886  
 Patent No. 6613752  
 GENERAL INFORMATION:  
 APPLICANT: Yant, Stephen  
 APPLICANT: Kay, Mark A.  
 TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a Transposon System  
 FILE REFERENCE: STAN-160CLP  
 CURRENT APPLICATION NUMBER: US/09/927,886  
 CURRENT FILING DATE: 2001-08-10  
 PRIOR APPLICATION NUMBER: 60/162,279  
 PRIOR FILING DATE: 1999-10-28  
 PRIOR APPLICATION NUMBER: 09/440,301  
 PRIOR FILING DATE: 1999-11-17  
 NUMBER OF SEQ ID NOS: 19  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 17  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: transposon repeat sequence

US-09-927-886-17  
 Query Match 100.0%; Score 5; DB 4; Length 8;  
 Best Local Similarity 100.0%; Pred. No. 1.9e+08;  
 Matches 5; Conservative 0; Nismatches 0; Indels 0;  
 Gaps 0;  
 Qy 1 CATAc 5  
 Db 2 CATAc 6

RESULT 9  
 US-08-583-276-1/c  
 Sequence 1, Application US/08583276  
 Patent No. 5837516  
 GENERAL INFORMATION:  
 APPLICANT: McDonagh, Kevin T.  
 APPLICANT: Niemhuus, Arthur  
 APPLICANT: Tolstoshev, Paul  
 TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN MULTIDRUG RESISTANCE GENES AND IMPROVED SELECTION OF CELLS TRANSDUCED WITH SUCH GENES  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
 ADDRESSEE: Cecchi, Stewart

STREET: 6 Becker Farm Road  
 CITY: Roseland  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07068  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5 inch diskette  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: DW4.V2  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/583,276  
 FILING DATE: 05-JAN-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/332,444  
 FILING DATE: 31-OCT-1994  
 APPLICATION NUMBER: 07/887,712  
 FILING DATE: 22-MAY-1992  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 bases  
 TYPE: nucleic acid  
 STRANDNESS: singular  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic DNA  
 DESCRIPTION: US-08-583-276-1

Query Match 100.0%; Score 5; DB 2; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+08;  
 Matches 5; Conservative 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 8 CATAc 4

---

RESULT 11  
 US-08-646-789A-8/C  
 Sequence 8, Application US/08646789A  
 Patent No. 602863  
 GENERAL INFORMATION:  
 APPLICANT: Peyman, John A.  
 TITLE OF INVENTION: REGULATION OF GENE EXPRESSION  
 NUMBER OF SEQUENCES: 101  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE S. EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/646-789A  
 FILING DATE: May 21, 1996  
 CLASSIFICATION: 800  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Misrock, S. Leslie  
 REGISTRATION NUMBER: 18,872  
 REFERENCE/DOCKET NUMBER: 6523-006  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 80:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: RNA

Query Match 100.0%; Score 5; DB 3; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+08;  
 Matches 5; Conservative 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

---

RESULT 12  
 US-09-048-927-1/C  
 Sequence 1, Application US/09048927  
 Patent No. 6147056  
 GENERAL INFORMATION:  
 APPLICANT: Gilchrist, Barbara A.  
 APPLICATION NUMBER: Yaar, Mila  
 FILING DATE: 05-JAN-1996  
 CLASSIFICATION: 800  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Misrock, S. Leslie  
 REGISTRATION NUMBER: 18,872  
 REFERENCE/DOCKET NUMBER: 6523-006  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 base pairs

TITLE OF INVENTION: Use of Locally Applied DNA Fragments  
FILE REFERENCE: BU94-68A2  
CURRENT APPLICATION NUMBER: US/09/048,927  
CURRENT FILING DATE: 1998-03-26  
EARLIER APPLICATION NUMBER: 08/1952,697  
EARLIER FILING DATE: 1996-06-03  
EARLIER APPLICATION NUMBER: 08/1467,012  
EARLIER FILING DATE: 1995-06-06  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO: 1  
LENGTH: 9  
OTHER INFORMATION: DNA Fragment

FEATURE:  
ORGANISM: Artificial Sequence

OTHER INFORMATION: DNA Fragment

US-09-048-927-1

Query Match 100.0%; Score 5; DB 3; Length 9;  
Best Local Similarity 100.0%; Pred. No. 1.7e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 7 CATAc 3

RESULT 13  
US-09-319-648-68  
Sequence 68, Application US/09319648  
Patent No. 6,515,30

GENERAL INFORMATION:

APPLICANT: Hawkins, Mary  
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin  
NUMBER OF SEQUENCES: 68  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
APPLICATION NUMBER: US/09/319,648  
FILING DATE: 30-Jul-1999

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/032, 844  
FILING DATE: 13-DEC-1996  
APPLICATION NUMBER: WO PCT/US97/22448  
FILING DATE: 10-DEC-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Fang, Carol  
REGISTRATION NUMBER: 48,631  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
INFORMATION FOR SEQ ID NO: 68:  
SEQUENCE CHARACTERISTICS:  
SEQUENCE: (415) 576-0200

TOPOLGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 68:  
US-09-319-648-68

Query Match 100.0%; Score 5; DB 3; Length 9;  
Best Local Similarity 100.0%; Pred. No. 1.7e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 7 CATAc 3

RESULT 14  
US-10-056-596-32  
Sequence 32, Application US/100965596

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth W  
APPLICANT: Vogelstein, Bert  
APPLICANT: Vogelstein, Victor  
APPLICANT: Zhang, Lin  
TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION  
CURRENT APPLICATION NUMBER: US/10/096,596  
CURRENT FILING DATE: 2002-03-14  
PRIOR APPLICATION NUMBER: US 08/527,154  
PRIOR FILING DATE: 1995-09-12  
PRIOR APPLICATION NUMBER: US 08/544,861  
PRIOR FILING DATE: 1995-10-18  
PRIOR APPLICATION NUMBER: US 09/107,228  
PRIOR FILING DATE: 1998-06-30  
NUMBER OF SEQ ID NOS: 41  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO: 32  
LENGTH: 9  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-056-596-32

Query Match 100.0%; Score 5; DB 4; Length 9;  
Best Local Similarity 100.0%; Pred. No. 1.7e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 7 CATAc 3

RESULT 15  
US-09-263-790-37/C  
Sequence 37, Application US/09263790  
Patent No. PP12997

GENERAL INFORMATION:

APPLICANT: Nirmal Kumar PATRA et al.  
TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS  
FILE REFERENCE: 2761-0120P  
CURRENT APPLICATION NUMBER: US/09/263,790  
CURRENT FILING DATE: 1998-03-05  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO: 37  
LENGTH: 10  
TYPE: DNA  
ORGANISM: Artificial  
FEATURE:  
OTHER INFORMATION: OPT 19 Primer - used to develop the unique RAPD profiles of the plant Jal Pallavi  
US-09-263-790-37

Query Match 100.0%; Score 5; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 7 CATAc 3

Db 9 CATAc 5

RESULT 16  
US-09-721-777-19/c  
Sequence 19, Application US/09721777  
Patent No. PP13279  
GENERAL INFORMATION:  
APPLICANT: Khanuja, Suman Preet Singh  
APPLICANT: Kumar, Sushil  
APPLICANT: Shasany, Ajit Kumar  
APPLICANT: Dhawan, Sunita  
APPLICANT: Darokar, Mahendra Pandurang  
APPLICANT: Nagri, Ali Arif  
APPLICANT: Dhawan, Om Parkash  
APPLICANT: Singh, Anil Kumar  
APPLICANT: Patra, Nirmal Kumar  
APPLICANT: Bahl, Janak Raj  
APPLICANT: Bansal, Ram Prakash  
TITLE OF INVENTION: Mint Plant Named Saksham  
FILE REFERENCE: 033166-002  
CURRENT APPLICATION NUMBER: US/09/721,777  
CURRENT FILING DATE: 2000-11-27  
NUMBER OF SEQ ID NOS: 20  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 19  
LENGTH: 10  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: OPT primer

US-09-721-777-19  
Query Match 100.0%; Score 5; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
Matches 5; Conservative 0; Mismatches 0; Del 0; Insert 0;

Qy 1 CATAc 5  
Db 9 CATAc 5

RESULT 17  
US-08-335-565A-27/c  
Sequence 27, Application US/08335565A  
GENERAL INFORMATION:  
Patent No. 5577671  
APPLICANT: Li, Kening  
APPLICANT: Rouse, Douglas I.  
APPLICANT: German, Thomas L.  
TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Charles and Brady  
STREET: 1 South Pinckney St., PO BOX 2113  
STATE: WI  
COUNTRY: USA  
ZIP: 53701-2113  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/335,565A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Seay, Nicholas J.  
REGISTRATION NUMBER: 27,386  
REFERENCE/DOCKET NUMBER: 960296.93065  
TELECOMMUNICATION INFORMATION:

RESULT 18  
US-08-250-951-1  
Sequence 1, Application US/08250951  
Patent No. 5532129  
GENERAL INFORMATION:  
APPLICANT: Heller, Michael J.  
TITLE OF INVENTION: SEQUE-ORGANIZING MOLECULAR PHOTONIC  
TYPE: DNA  
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUOROPHORE-CONTAINING  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADRESSEE: Bingham & Fitting  
STREET: 12526 High Bluff Drive, Suite 300  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92130  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/250,951  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/790,262  
FILING DATE: 07-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: HEL0002P  
TELECOMMUNICATION INFORMATION:  
PHONE: 619-792-3680  
TELEFAX: 619-792-8477  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 10  
OTHER INFORMATION: /notes "Donor chromophore at the 3'  
US-08-250-951-1

Query Match 100.0%; Score 5; DB 1; Length 10;





Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0; STATE: MA  
 COUNTRY: USA  
 ZIP: 02109-2891  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/430,536A  
 FILING DATE: 25-APR-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Herschbach, Ph.D., Brenda M.  
 REGISTRATION NUMBER: 39,223  
 REFERENCE/DOCKET NUMBER: 181411-012  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 248-5000  
 TELEFAX: (617) 248-4000  
 INFORMATION FOR SEQ ID NO: 25:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 US-08-430-536A-25

Query Match Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

---

RESULT 26  
 US-08-171-718-45/C  
 Sequence 45, Application US/08171718  
 Patent No. 5707863  
 GENERAL INFORMATION:  
 APPLICANT: Trofatter, James A.  
 APPLICANT: MacCollin, Mia M.  
 APPLICANT: Gusella, James P.  
 TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
 TITLE OF INVENTION: Thereof  
 NUMBER OF SEQUENCES: 120  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
 STREET: 1100 New York Avenue, N.W., Suite 600  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3934  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/171-718  
 FILING DATE: 22-DEC-1993  
 CLASSIFICATION: 436  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/108-808  
 FILING DATE: 19-AUG-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/022,034  
 FILING DATE: 25-FEB-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/026,063

Query Match Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

---

RESULT 25  
 US-08-430-536A-25/C  
 Sequence 25, Application US/08430536A  
 Patent No. 5665547  
 GENERAL INFORMATION:  
 APPLICANT: Liang, Peng  
 APPLICANT: Pardue, Arthur B.  
 TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING  
 MESSENGER RNAs  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CHOATE, HALL & STEWART  
 STREET: 53 State Street  
 CITY: Boston

FILING DATE: 04-MAR-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brown, Anne  
 REGISTRATION NUMBER: 36,463  
 REFERENCE/DOCKET NUMBER: 0609 .38500003  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 45:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-171-718-45

Query Match 100.0%; Score 5; DB 1; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

---

RESULT 27  
 US-08-703-601-1  
 Sequence 1: Application US/08703601  
 Patent No. 5849489  
 GENERAL INFORMATION:  
 APPLICANT: Michael J. Heller  
 TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC STRUCTURES BASED ON CHROMOPHORE-CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE  
 TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE  
 NUMBER OF SEQUENCES: 11  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
 SOFTWARE: WordPerfect (Version 5.1)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/03,601  
 FILING DATE: August 23, 1996  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 07/233,233  
 FILING DATE: May 5, 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kappos, John  
 REGISTRATION NUMBER: 37,861  
 REFERENCE/DOCKET NUMBER: 221/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO

FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 10  
 OTHER INFORMATION: /note-'Donor chromophore at the 3' T  
 OTHER INFORMATION: nucleotide"

US-08-703-601-1

Query Match 100.0%; Score 5; DB 2; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

---

RESULT 28  
 US-08-684-547-23/c  
 Sequence 23: Application US/08684547  
 Patent No. 5965409  
 GENERAL INFORMATION:  
 APPLICANT: Pardee Ph.D., Arthur B.  
 APPLICANT: Liang Ph.D., Peng  
 TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS OF mRNAs  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CHOATE, HALL & STEWART  
 STREET: 53 State Street  
 CITY: Boston  
 STATE: MA  
 ZIP: 02109-2891  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/684,547  
 FILING DATE: 19-JUL-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jarrell, Ph.D., Brenda H.  
 REGISTRATION NUMBER: 39,223  
 REFERENCE/DOCKET NUMBER: 0181411-0013  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 248-5000  
 TELEFAX: (617) 248-0000  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO

US-08-684-547-23

Query Match 100.0%; Score 5; DB 2; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

---

RESULT 29  
 US-08-684-547-25/c  
 Sequence 25: Application US/08684547  
 Patent No. 5965409  
 GENERAL INFORMATION:

APPLICANT: Pardue Ph.D., Arthur B.  
 APPLICANT: Liang Ph.D., Peng  
 TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CHOATE, HALL & STEWART  
 STREET: 53 State Street  
 CITY: Boston  
 STATE: MA  
 ZIP: 02109-2891  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/684,547  
 FILING DATE: 19-JUL-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Jarrell Ph.D., Brenda H.  
 REGISTRATION NUMBER: 39,223  
 REFERENCE/DOCKET NUMBER: 0181411-0013  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 248-8000  
 TELEFAX: (617) 248-4000  
 INFORMATION FOR SEQ ID NO: 25:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 US-08-684-547-25

Query Match 100.0%; Score 5; DB 2; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 5 CATAc 1

---

RESULT 30  
 US-08-469-318-174/C  
 Sequence 174, Application US/08469318  
 Patent No. 6022535  
 GENERAL INFORMATION:  
 TITLE OF INVENTION: Multivarient IL-3 Hematopoiesis Fusion  
 NUMBER OF SEQUENCES: 196  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/469,318  
 FILING DATE:  
 CLASSIFICATION:  
 INFORMATION FOR SEQ ID NO: 174:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;

Qy 1 CATAc 5

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; TITLE OF INVENTION: Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063, 450
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATACTT
Db      1 CATACTT

RESULT 34
US-09-063-450-33/c
; Sequence 33, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063, 450
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 33
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-33

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATACTT
Db      7 CATACTT

RESULT 35
US-09-123-638-1
; Sequence 1, Application US/09123638
; Patent No. 6162603
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
; STRUCTURES BASED ON CHROMOPHORE-
; AND FLUOROPHORE-CONTAINING
; POLYNUCLEOTIDES AND METHODS OF
; TREATMENT THEREFOR: THEIR USE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; sequence 24, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063, 450
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 25
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-123-638-1

Query Match          100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CATACTT
Db      5 CATACTT

RESULT 33
US-09-063-450-24
; Sequence 24, Application US/09063450
; Patent No. 6109776
; GENERAL INFORMATION:
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Method and System for Computationally Identifying
; Clusters Within a Set of Sequences
; FILE REFERENCE: 77001.002
; CURRENT APPLICATION NUMBER: US/09/063, 450
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 24
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence:example
; OTHER INFORMATION: sequence illustrating a computational methodology
US-09-063-450-24

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ZIP: 90071  
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 SOFTWARE: WordPerfect (Version 5.1)  
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 APPLICATION NUMBER: US/09/123,638  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/703,601  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kappos, John  
 REGISTRATION NUMBER: 37,861  
 REFERENCE/DOCKET NUMBER: 221/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: 67-5510  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE: misc\_feature  
 LOCATION: 10  
 OTHER INFORMATION: /note-/donor chromophore at the 3' T  
 OTHER INFORMATION: nucleotide"  
 US-09-123-638-1

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 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 37  
 US-08-875-533-31/C  
 Sequence 31, Application US/08875533  
 ; Sequence 31, Application US/08875533  
 ; Patent No. 6254870  
 ; GENERAL INFORMATION:  
 ; APPLICANT:  
 ; TITLE OF INVENTION: No. 6254870 as c-MPL Ligands  
 ; NUMBER OF SEQUENCES: 73  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent Release #1.0, Version #1.30 (EPO)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/875,533  
 ; FILING DATE:  
 ; CLASIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/383,035  
 ; FILING DATE: 04-FEB-1995  
 ; INFORMATION FOR SEQ ID NO: 31:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 10 base pairs  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "synthetic DNA"  
 ; US-08-875-533-31

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05; Indels 0; Gaps 0;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 38  
 US-08-646-695-30/C  
 Sequence 30, Application US/08646695  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rose, John K.  
 ; TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR  
 ; NUMBER OF SEQUENCES: 44  
 ; ADDRESSEE: PENNIE & EDMONDS  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10036-2711  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/646,695  
 ; FILING DATE: On Event Date Herewith  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Misrock, S. Leslie

APPLICANT: Bradford-Goldberg, Sarah R.  
 APPLICANT: Caparon, Maire H.  
 APPLICANT: Baaton, Alan M.  
 APPLICANT: Klein, Barbara K.  
 APPLICANT: McKearn, John P.  
 APPLICANT: Ooins, Peter O.  
 APPLICANT: Paik, Kumman  
 APPLICANT: Thomas, John W.

TITLE OF INVENTION: Multivariable IL-3 Hematopoiesis  
 NUMBER OF SEQUENCES: Fusion Protein  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
 ADDRESS: Corporate Patent Dept.  
 STREET: P. O. Box 5110  
 CITY: Chicago  
 STATE: Illinois  
 ZIP: 60680

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/446,872A  
 FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 424  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/192,325  
 FILING DATE: 14-FEB-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Bennett, Dennis A.  
 REGISTRATION NUMBER: 34,547  
 REFERENCE/DOCKET NUMBER: C-2790/1  
 TELECOMMUNICATION INFORMATION:  
 TELEFAX: (314) 737-6586  
 INFORMATION FOR SEQ ID NO: 174:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTOR: /desc = "synthetic DNA"

US-08-446-872A-174

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 10 CATAc 6

RESULT 39  
 US-09-724-753-1  
 Sequence 1, Application US/09724753  
 Patent No. 6116953  
 GENERAL INFORMATION:  
 APPLICANT: Michael J. Heller  
 TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC  
 STRUCTURES BASED ON CHROMOPHORE-  
 AND FLUOROPHORE-CONTAINING  
 POLYNUCLEOTIDES AND METHODS OF  
 NUMBER OF SEQUENCES: 11  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California

APPLICANT: Kappos, John  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kappos, John  
 REGISTRATION NUMBER: 37,861  
 REFERENCE/DOCKET NUMBER: 21/078  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440.  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 10  
 OTHER INFORMATION: /note="Donor chromophore at the 3' T  
 nucleotide"  
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 US-09-724-753-1

Query Match 100.0%; Score 5; DB 3; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 3e+05;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 4 CATAc 8

RESULT 40  
 US-08-762-227A-174/c  
 Sequence 17, Application US/08762227A  
 Patent No. 6436367  
 GENERAL INFORMATION:  
 APPLICANT: Abrams, Mark A.  
 Baur, S. C.  
 Bradford-Goldberg, Sarah R.  
 Caparon, Maire H.  
 Easton, Alan M.  
 Klein, Barbara K.  
 McKearn, John P.  
 Ooins, Peter O.  
 Paik, Kumman  
 Thomas, John W.  
 TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis  
 NUMBER OF SEQUENCES: 197  
 CORRESPONDENCE ADDRESS:  
 STREET: P. O. Box 5110  
 CITY: Chicago  
 STATE: Illinois  
 COUNTRY: USA

ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/762,227A  
FILING DATE: 09-Dec-1996  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/192,325  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: US 08/446,872  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE DOCKET NUMBER: C-2790/5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6681  
INFORMATION FOR SEQ ID NO: 174:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 base pairs  
STRANDEDNESS: single  
TYPE: nucleic acid  
TOPOLOGY: Linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 174:  
US-08-762-227A-174

Query Match 100.0%; Score 5; DB 3; Length 10;  
Best Local Similarity 100.0%; Pred. No. 3e+05;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 CATACT
Db	10 CATACT
	6

Search completed: March 22, 2005, 10:49:14  
Job time : 43.333 secs

GenCore version 5.1.6  
(c) 1993 - 2005 Compugen Ltd.

## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 09:20:43 ; Search time 177.708 Seconds

(without alignments)  
167.500 Million cell updates/sec

Title: US-09-540-843-6  
Perfect score: 5  
Sequence: 1 catac 5

Scoring table: IDENTITY NUC  
Gapext 10.0 , Gapext 1.0

Searched: 5544816 seqs, 2976611598 residues

Total number of hits satisfying chosen parameters:  
Minimum DB seq length: 0  
Maximum DB seq length: 200

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing First 100 summaries

Database : Published\_Applications\_NA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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c 10	5	100.0	7	17 US-10-027-632-178029	Sequence 178029,
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5	100.0	84	US-10-330-627-635	Sequence 635, App

**RESULT 1**  
US-10-122-630-4/c  
; Sequence 4, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrest, Barbara A.  
; ATTORNEY OR AGENT: Eiler, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 0054.1088-018  
CURRENT APPLICATION NUMBER: US/10/122,630  
CURRENT FILING DATE: 2002-04-12  
PRIOR APPLICATION NUMBER: US 08/467,012  
PRIOR FILING DATE: 1995-06-06  
PRIOR APPLICATION NUMBER: PCT/US96/08386  
PRIOR FILING DATE: 1996-06-03  
PRIOR APPLICATION NUMBER: US 09/048,927  
PRIOR FILING DATE: 1998-03-26  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 5  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-630-6

## ALIGNMENTS

**RESULT 2**  
US-10-122-630-6  
; Sequence 6, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrest, Barbara A.  
; ATTORNEY OR AGENT: Eiler, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 0054.1088-018  
CURRENT APPLICATION NUMBER: US/10/122,630  
CURRENT FILING DATE: 2002-04-12  
PRIOR APPLICATION NUMBER: US 08/467,012  
PRIOR FILING DATE: 1995-06-06  
PRIOR APPLICATION NUMBER: PCT/US96/08386  
PRIOR FILING DATE: 1996-06-03  
PRIOR APPLICATION NUMBER: US 09/048,927  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: PCT/US01/10162  
PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 5  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-630-4

**RESULT 3**  
US-10-122-633-4/c  
; Sequence 4, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrest, Barbara A.  
; ATTORNEY OR AGENT: Eiler, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 0054.1088-019  
CURRENT APPLICATION NUMBER: US/10/122,633  
CURRENT FILING DATE: 2002-04-12  
PRIOR APPLICATION NUMBER: US 09/540,843  
PRIOR FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: PCT/US01/10162  
PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 5  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-633-4

**RESULT 4**  
US-10-122-633-6  
; Sequence 6, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Yaar, Mina  
; ATTORNEY OR AGENT: Eiler, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 0054.1088-019  
CURRENT APPLICATION NUMBER: US 09/1.1e+09  
CURRENT FILING DATE: 2000-03-31  
PRIOR APPLICATION NUMBER: PCT/US01/10162  
PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 5  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
US-10-122-633-5

RESULT 6  
US-10-027-632-178043 ; Sequence 178043, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Eller, Mark S.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
; FILE REFERENCE: 0054.1088-019  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 10/122,633  
; PRIOR APPLICATION NUMBER: US 09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; SEQ ID NO: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 6  
; LENGTH: 5  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
; US-10-122-633-6

Query Match 100.0%; Score 5; DB 14; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.1e+09;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 1 CATAc 5

RESULT 5  
US-10-027-632-178043 ; Sequence 178043, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.129  
; CURRENT FILING DATE: 2002-04-20  
; PRIOR APPLICATION NUMBER: US 10/027,632  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 178043

Query Match 100.0%; Score 5; DB 13; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 1 CATAc 5

RESULT 6  
US-10-027-632-178043 ; Sequence 178043, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT FILING DATE: US/10/122,630  
; PRIOR APPLICATION NUMBER: US2003032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Biller, Mark S.  
; APPLICANT: Yaar, Mina  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US/10/122,630  
; PRIOR FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US 08/467,012  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US96/08386  
; PRIOR FILING DATE: 1996-06-03  
; PRIOR APPLICATION NUMBER: US 09/048,927  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: US 09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 3

Query Match 100.0%; Score 5; DB 13; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
Db 1 CATAc 5

US-10-122-630-3  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 2

RESULT 8  
 US-10-122-630-7/c  
 / Sequence 7, Application US/10122630  
 ; Publication No. US20030032210A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; ATTORNEY: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; Oligonucleotides  
 ; FILE REFERENCE: 0054-1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 1996-06-06  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 08/048,927  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 7  
 ; LENGTH: 7  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-630-7  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 2

RESULT 9  
 US-10-122-633-3/c  
 / Sequence 3, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; ATTORNEY: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; Oligonucleotides  
 ; FILE REFERENCE: 0054-1088-019  
 ; CURRENT APPLICATION NUMBER: US/10/122,633  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2000-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 3

RESULT 10  
 US-10-122-633-7/c  
 / Sequence 7, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; ATTORNEY: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; Oligonucleotides  
 ; FILE REFERENCE: 0054-1088-019  
 ; CURRENT APPLICATION NUMBER: US/10/122,633  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 7  
 ; LENGTH: 7  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-633-7  
 Query Match 100.0%; Score 5; DB 14; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 2

RESULT 11  
 US-10-027-632-178029  
 / Sequence 178029, Application US/10027632  
 ; Publication No. US20030204075A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; ATTORNEY: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
 ; Polymorphisms in the Human Genome  
 ; CURRENT APPLICATION NUMBER: US/10/027,632  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/216,006  
 ; PRIOR FILING DATE: 2000-07-12  
 ; PRIOR APPLICATION NUMBER: US 60/198,676  
 ; PRIOR FILING DATE: 2000-04-20  
 ; PRIOR APPLICATION NUMBER: US 60/193,483  
 ; PRIOR FILING DATE: 2000-03-29  
 ; PRIOR APPLICATION NUMBER: US 60/185,218  
 ; PRIOR FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/167,363  
 ; PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSEQ for Windows Version 4.0  
SQB ID NO 178029 LENGTH: 7

TYPE: DNA ORGANISM: Human  
S-10-027-632-178029

Y	1	CATAC 5	1	CATAC 5
b				
b		1 CATAC 5		1 CATAC 5

RESULT 12  
Query Match Score 5; DB 17; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

SEQUENCE 178043 Application US/10027632  
Publication No. USA0303004075A9  
GENERAL INFORMATION:  
APPLICANT: Wang, David G.  
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome  
FILE REFERENCE: 1088227.129  
CURRENT APPLICATION NUMBER: US/10/027,632  
CURRENT FILING DATE: 2002-04-30  
PRIOR APPLICATION NUMBER: US 60/218,006  
PRIOR FILING DATE: 2000-07-12  
PRIOR APPLICATION NUMBER: US 60/198,676  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: US 60/193,483  
PRIOR FILING DATE: 2000-03-29  
PRIOR APPLICATION NUMBER: US 60/185,218  
PRIOR FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/167,363  
PRIOR FILING DATE: 1999-11-23  
PRIOR APPLICATION NUMBER: US 60/156,358  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: US 60/146,002  
PRIOR FILING DATE: 1999-08-09  
NUMBER OF SEQ ID NOS: 325720  
SOFTWARE: FastSEQ for Windows Version 4.0  
SQB ID NO 178043 LENGTH: 7

TYPE: DNA ORGANISM: Human  
S-10-027-632-178043

Y	1	CATAC 5	1	CATAC 5
b				
b		1 CATAC 5		1 CATAC 5

RESULT 13  
Query Match Score 5; DB 17; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

SEQUENCE 11 Application US/09142593  
Patent No. US2002001675A1  
GENERAL INFORMATION:  
APPLICANT: HACKETT ET AL.  
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:

RESULT 14  
Query Match Score 5; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

SEQUENCE 17 Application US/09277886  
Patent No. US20020103152A1  
GENERAL INFORMATION:  
APPLICANT: Kay, Mark A.  
TITLE OF INVENTION: Methods of In Vivo Gene Transfer using a Sleeping Beauty Transposon System  
FILE REFERENCE: STAN-160CIP  
CURRENT APPLICATION NUMBER: US/09/927,886  
PRIORITY NUMBER: 60/162,279  
CURRENT FILING DATE: 2001-08-10  
PRIOR FILING DATE: 1999-10-28  
PRIOR APPLICATION NUMBER: 09/440,301  
PRIOR FILING DATE: 1999-11-17  
NUMBER OF SEQ ID NOS: 19  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 17  
LENGTH: 8

TYPE: DNA

ORGANISM: Artificial Sequence  
 FEATURE: OTHER INFORMATION: transposon repeat sequence  
 US-09-927-886-17

Query Match Score 5; DB 9; Length 8;  
 Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 2 CATAc 6

RESULT 15

US-09-861-014-6  
 Sequence 6, Application US/09861014  
 Patent No. US20020115216A1  
 GENERAL INFORMATION:  
 APPLICANT: Steer, Clifford  
 APPLICANT: Kren, Betsy  
 APPLICANT: Linehan-Stievers, Cheryle  
 APPLICANT: McIvor, R.  
 TITLE OF INVENTION: Composition for Delivery of Compounds to Cells  
 FILE REFERENCE: 110.0130101  
 CURRENT APPLICATION NUMBER: US/09/861,014  
 CURRENT FILING DATE: 2001-05-19  
 PRIOR APPLICATION NUMBER: US 60/206,002  
 PRIOR FILING DATE: 2000-05-19  
 PRIOR APPLICATION NUMBER: US 60/285,121  
 PRIOR FILING DATE: 2001-04-20  
 NUMBER OF SEQ ID NOS: 10  
 SEQ ID NO 6  
 SOFTWARE: PatentIn version 3.0  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Direct repeat sequence  
 US-09-861-014-6

RESULT 17

US-10-128-560-224/c  
 Sequence 224, Application US/10128560  
 Publication No. US20030134272A1  
 GENERAL INFORMATION:  
 APPLICANT: University Of Gent  
 TITLE OF INVENTION: Improved mutation analysis of the NFL Gene  
 FILE REFERENCE: UG-005-PCT  
 CURRENT APPLICATION NUMBER: US/10/128 , 560  
 CURRENT FILING DATE: 2002-04-18  
 PRIOR APPLICATION NUMBER: EP 99870216.1  
 PRIOR FILING DATE: 1999-10-18  
 PRIOR APPLICATION NUMBER: EP 00870122.9  
 PRIOR FILING DATE: 2000-06-05  
 PRIOR APPLICATION NUMBER: UG 60/211,929  
 PRIOR FILING DATE: 2000-06-16  
 NUMBER OF SEQ ID NOS: 264  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 224  
 LENGTH: 8  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-128-560-224

RESULT 18

US-10-263-159-11  
 Sequence 11, Application US/10263159  
 Publication No. US20030124668A1  
 GENERAL INFORMATION:  
 APPLICANT: HACKETT ET AL.  
 TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL  
 NUMBER OF SEQUENCES: 63  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.  
 STREET: 119 NORTH FOURTH STREET, SUITE 203  
 CITY: MINNEAPOLIS  
 STATE: MINNESOTA  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0  
 CURRENT APPLICATION DATA:

RESULT 18  
US-10-191-698-11  
; Sequence 11, Application US/10191698  
; Publication No. US20030154500A1

; GENERAL INFORMATION:  
; APPLICANT: Hackett, P. B.  
; APPLICANT: Clark, Karl J.  
; APPLICANT: Ivics, Zoltan  
; APPLICANT: Izsavak, Zsuzsanna  
; APPLICANT: Scott C. Fahrenkrug  
; TITLE OF INVENTION: NUCLEARIC ACID TRANSFER VECTOR FOR THE INTRODUCTION OF NUCLEARIC ACID INTO THE DNA OF A CELL

; FILE REFERENCE: 110.00870102  
; CURRENT APPLICATION NUMBER: US/10/191,698  
; CURRENT FILING DATE: 2002-07-09  
; NUMBER OF SEQ ID NOS: 75  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO: 11  
; LENGTH: 8

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: A portion of a  
; OTHER INFORMATION: direct repeat sequence

US-10-191-698-11  
Query Match 100.0%; Score 5; DB 16; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CATAc 5  
Db 2 CATAc 6

; RESULT 19  
US-10-314-578-1138/C  
; Sequence 1138, Application US/10314578  
; Publication No. US200400212026A1

; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Scheiter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: CL039/7035 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO: 1138  
; LENGTH: 8

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence

US-10-314-578-1138  
Query Match 100.0%; Score 5; DB 17; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; RESULT 20  
US-10-332-914-5/C  
; Sequence 5, Application US/10332914  
; Publication No. US2004002500A1

; GENERAL INFORMATION:  
; APPLICANT: Unicorp Ltd  
; TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its Escape by a Recoverable Block of Function (RBF) System

; FILE REFERENCE: A0420PC-  
; CURRENT APPLICATION NUMBER: US/10/332,914  
; CURRENT FILING DATE: 2003-01-14  
; PRIOR APPLICATION NUMBER: US 09/617,543  
; PRIOR FILING DATE: 2000-07-14  
; PRIOR APPLICATION NUMBER: PCT/FI01/00670  
; PRIOR FILING DATE: 2001-07-16  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 5  
; LENGTH: 8

; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Feature:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: exon/intron boundary site

US-10-332-914-5  
Query Match 100.0%; Score 5; DB 17; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 CATAc 5  
Db 2 CATAc 6

; RESULT 21  
US-10-608-516-17  
; Sequence 17, Application US/10608516  
; Publication No. US20040092471A1

; GENERAL INFORMATION:  
; APPLICANT: Kay, Mark A.  
; APPLICANT: Yant, Stephen  
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a Filovirus  
; FILE REFERENCE: STAN-160CIP

; CURRENT APPLICATION NUMBER: US/10/608,516  
; CURRENT FILING DATE: 2003-06-26  
; PRIOR APPLICATION NUMBER: US/09/927,886  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/162,279  
; PRIOR FILING DATE: 1999-10-28  
; PRIOR APPLICATION NUMBER: 09/440,301  
; PRIOR FILING DATE: 1999-11-17  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSSQ for Windows Version 4.0  
; SEQ ID NO: 17  
; LENGTH: 8

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: transposon repeat sequence

US-10-608-516-17  
Query Match 100.0%; Score 5; DB 17; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 22

RESULT 20



## US-09-990-186-2256

Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 8 CATAc 4

## RESULT 27

US-09-989-994-623  
 ; Sequence 623 Application US/09989994  
 ; Publication No. US20030104526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LIU, Qiang  
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRNN NUCLEOTIDE  
 ; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS  
 ; FILE REFERENCE: 8325-0011.20 / S11-US2  
 ; CURRENT APPLICATION NUMBER: US/09/989,994  
 ; CURRENT FILING DATE: 2001-11-20  
 ; NUMBER OF SEQ ID NOS: 4085  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 623  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-989-994-623  
 Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CATAc 5  
 Db 2 CATAc 6

## RESULT 30

US-10-122-630-1/c  
 ; Sequence 1 Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrist, Barbara A.  
 ; APPLICANT: Eiler, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; FILE REFERENCE: 0054.1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 09/048,927  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 1  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment

## RESULT 28

US-09-989-994-2220/c  
 ; Sequence 2220, Application US/09989994  
 ; Publication No. US20030104526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LIU, Qiang  
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRNN NUCLEOTIDE  
 ; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS  
 ; FILE REFERENCE: 8325-0011.20 / S11-US2  
 ; CURRENT APPLICATION NUMBER: US/09/989,994  
 ; CURRENT FILING DATE: 2001-11-20  
 ; NUMBER OF SEQ ID NOS: 4085  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 2220  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-989-994-2220  
 Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CATAc 5  
 Db 8 CATAc 4

## RESULT 29

US-09-989-994-2256/c  
 ; Sequence 2256, Application US/09989994  
 ; Publication No. US20030104526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LIU, Qiang  
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRNN NUCLEOTIDE  
 ; FILE REFERENCE: 8325-0011.20 / S11-US2  
 ; CURRENT APPLICATION NUMBER: US/09/989,994  
 ; CURRENT FILING DATE: 2001-11-20  
 ; NUMBER OF SEQ ID NOS: 4085  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 2256  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-989-994-2256  
 ; Sequence 2256 Application US/09989994  
 ; Publication No. US20030104526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LIU, Qiang  
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRNN NUCLEOTIDE  
 ; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS  
 ; FILE REFERENCE: 8325-0011.20 / S11-US2  
 ; CURRENT APPLICATION NUMBER: US/09/989,994  
 ; CURRENT FILING DATE: 2001-11-20  
 ; NUMBER OF SEQ ID NOS: 4085  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 2256  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-989-994-2256  
 Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CATAc 5  
 Db 8 CATAc 4

US-09-989-994-2256  
 ; Sequence 2256 Application US/09989994  
 ; Publication No. US20030104526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LIU, Qiang  
 ; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GRNN NUCLEOTIDE  
 ; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS  
 ; FILE REFERENCE: 8325-0011.20 / S11-US2  
 ; CURRENT APPLICATION NUMBER: US/09/989,994  
 ; CURRENT FILING DATE: 2001-11-20  
 ; NUMBER OF SEQ ID NOS: 4085  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO: 2256  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: example target

US-09-989-994-2256  
 Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CATAc 5  
 Db 8 CATAc 4

## RESULT 30

US-10-122-630-1/c  
 ; Sequence 1 Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrist, Barbara A.  
 ; APPLICANT: Eiler, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Oligonucleotides  
 ; FILE REFERENCE: 0054.1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 09/048,927  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO: 1  
 ; LENGTH: 9  
 ; TYPE: DNA  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-630-1  
 Query Match Score 5; DB 10; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 6.4e+08;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 CATAc 5  
 Db 7 CATAc 3

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RESULT 31
US-10-122-633-1/C
Sequence 1, Application US/10122633
Publication No. US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrist, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
Title of Invention: Oligonucleotides
FILE REFERENCE: 0054_1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2001-03-30
SEQ ID NO: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 1
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: ;
OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
```

```

Query Match          100.0%; Score 5; DB 14; Length 9;
Best Local Similarity      100.0%; Pred. No. 6.4e+08; Indels
Matches 5; Conservative 0; Mismatches 0; Indels 0

Qy          1 CATAAC 5
           |||||
Db          7 CATAAC 3

RESULT 32
US-10-096-596-32
Sequence 32, Application US/1096596
Publication No. US20130049653A1.

GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth W
APPLICANT: Vogelstein, Bert
APPLICANT: Velculescu, Victor
APPLICANT: Zhang, Lin

TITLE OF INVENTION: METHOD FOR SERIAL ANALYSIS OF GENE EXPRESSION
FILE REFERENCE: 001107.002442
CURRENT APPLICATION NUMBER: US/10/096,596
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: US 08/527,154
PRIOR FILING DATE: 1995-09-12
PRIOR APPLICATION NUMBER: US 08/544,861
PRIOR FILING DATE: 1995-10-18
PRIOR APPLICATION NUMBER: US 09/107,228
PRIOR FILING DATE: 1998-06-30
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 32
LENGTH: 9
TYPE: DNA
ORGANISM: Homo sapiens

US-10-096-596-32
Query Match          100.0%; Score 5; DB 14; Length 9;
Best Local Similarity      100.0%; Pred. No. 6.4e+08; Indels
Matches 5; Conservative 0; Mismatches 0; Indels 0
Qy          1 CATAAC 5
           |||||

```

BESVIT-T 33

```

US-10-378-558A-13/c
; Sequence 13, Application US/10378558A
; Publication No. US200400095/6A1
; GENERAL INFORMATION:
; APPLICANT: Kalscheuer, Rainer
; APPLICANT: Steinbuchel, Alexander
; APPLICANT: Voelker, Toni
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
; FILE REFERENCE: MONS:16US2
; CURRENT APPLICATION NUMBER: US/378,558A
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,774
; PRIORITY FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13

RESULT 34
US-10-427-629-3/c
; Sequence 3, Application US/10427629
; Publication No. US20040078834A1
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: Human Chronic Lymphocytic Leukemia Modeled In Mouse By Targeted
; FILE REFERENCE: TGU2851
; CURRENT APPLICATION NUMBER: US/10/427,629
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 60/376,464
; PROOF FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-427-629-3

RESULT 35
US-08-935-377-16
; Sequence 16, Application US/08935377
; Publication No. US2003013917A1
; GENERAL INFORMATION:
; APPLICANT: Zauderer, Maurice
; TITLE OF INVENTION: T Cells Specific for Target Antigens and
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
; STREET: 1100 New York Avenue, N.W., Suite 600
; CITY: Washington, D.C.

```

STATE: D. C.  
 COUNTRY: USA  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0., Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/935,377  
 FILING DATE: 22-SEP-1997  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Steffe, Eric K.  
 REGISTRATION NUMBER: 36,688  
 REFERENCE/DOCKET NUMBER: 1021.0010000/BKS/CMB  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2540  
 TELEX/FAX: (202) 371-2540  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDBNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-935-377-16

Query Match 100.0%; Score 5; DB 8; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 10

RESULT 36  
 US-09-822-250-16  
 Sequence 16, Application US/09822250  
 ; Patent No. US200201875A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zauderer, Maurice  
 ; TITLE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus  
 ; FILE REFERENCE: 181.001001  
 ; CURRENT FILING DATE: 2001-04-02  
 ; PRIOR FILING NUMBER: US 08/935,377  
 ; PRIOR FILING DATE: 1997-09-22  
 ; NUMBER OF SEQ ID NOS: 37  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 16  
 ; LENGTH: 10  
 ; TYPE: DNA  
 ; ORGANISM: synthetic construct  
 US-09-822-250-16

Query Match 100.0%; Score 5; DB 9; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 10

RESULT 39  
 US-09-962-602-7  
 Sequence 7, Application US/09962602  
 ; Publication No. US2003005989A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SASTRY, MORALI  
 ; APPLICANT: KUMAR, ASHAVANI  
 ; GENERAL INFORMATION:  
 ; APPLICANT: RAMAKRISHNAN, VIDYA  
 ; APPLICANT: GANESH, KRISHNARAJANAGAR  
 ; APPLICANT: LEFKOWITZ, STEVEN C.  
 ; TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES

RESULT 37  
 US-09-398-399-31/c  
 Sequence 31, Application US/09398399  
 ; Patent No. US20020051973A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: DELENSTAR, GLENDA C.  
 ; APPLICANT: LEFKOWITZ, STEVEN C.

RESULT 38  
 US-09-899-381-31/c  
 Sequence 31, Application US/09899381  
 ; Patent No. US2002006893A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: DeLenstar, Glend C.  
 ; APPLICANT: Woller, Paul K.  
 ; APPLICANT: Sana, Theodore R.  
 ; TITLE OF INVENTION: Arrays Having Background Features and  
 ; FILE REFERENCE: 10010760-1  
 ; CURRENT APPLICATION NUMBER: US/09/899,381  
 ; CURRENT FILING DATE: 2001-07-05  
 ; PRIOR APPLICATION NUMBER: 09/398,399  
 ; PRIOR FILING DATE: 1999-09-17  
 ; NUMBER OF SEQ ID NOS: 53  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 31  
 ; LENGTH: 10  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: synthetic probe  
 US-09-899-381-31

Query Match 100.0%; Score 5; DB 9; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 1.6e+06;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CATAc 5  
 Db 6 CATAc 2

```

FILE REFERENCE: 4062-6
CURRENT APPLICATION NUMBER: US/09/962,602
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 7
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA1
US-09-962-602-7

Query Match          Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches      5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 CATAc 5
     |||||
Db    2 CATAc 6

RESULT 40
US-09-962-602-8/c
Sequence 8, Application US/09962602
Publication No. US2003005989A1
GENERAL INFORMATION:
APPLICANT: SASTRY, MURALI
APPLICANT: KUMAR, ASHAVANI
APPLICANT: RAMAKRISHNAN, VIDYA
APPLICANT: GANESH, KRISHNARAJANAGAR
TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
FILE REFERENCE: 4062-6
CURRENT APPLICATION NUMBER: US/09/962,602
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 8
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:ssDNA2
US-09-962-602-8

Query Match          Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches      5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 CATAc 5
     |||||
Db    9 CATAc 5

```

Search completed: March 22, 2005, 19:09:41  
Job time : 177.708 secs

MM nucleic - nucleic search, using SW model									
Copyright (c) 1993 - 2005 Compugen Ltd.									
run on: March 22, 2005, 04:59:11 ; Search time 173:333 Seconds									
(without alignments)									
188.801 Million cell updates/sec									
title: US-09-540-843-8	perfect score: 20	sequence: 1 gcatgcatttcgtacg 20	scoring table: IDENTITY_NUC	Gapop 10.0 , Gapext 1.0	searched: 1202784 seqs, 818138359 residues	total number of hits satisfying chosen parameters:	1407054	maximum DB seq length: 0	post-processing: Minimum Match 0% Maximum Match 100% Listing first 100 summaries
database : Issued Patents NA.*	1: /cgnd_6/podata/1/ina/5A COMB .seq:**	2: /cmn_6/podata/1/ina/5B COMB .seq:**	3: /cgnd_6/podata/1/ina/6A COMB .seq:**	4: /cgnd_6/podata/1/ina/6B COMB .seq:**	5: /cmn_6/podata/1/ina/PECTUS COMB .seq:**	6: /cgnd_6/podata/1/ina/backfile1.seq:**	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.		
SUMMARIES									
result No.	score	query	match	length	db	id	description		
1	13.8	69.0	162	4	US-08-956-171B-1694	Sequence 1694, AP	Sequence 1694, AP	Sequence 1694, AP	Sequence 1694, AP
2	13.8	69.0	162	4	US-08-956-171B-1694	Sequence 1694, AP	Sequence 1694, AP	Sequence 1694, AP	Sequence 1694, AP
3	13.8	69.0	196	4	US-09-513-999C-25349	Sequence 25349, A	Sequence 25349, A	Sequence 25349, A	Sequence 25349, A
4	13.6	68.0	58	1	US-07-982-712-34	Sequence 34, APPL	Sequence 34, APPL	Sequence 34, APPL	Sequence 34, APPL
5	13.6	68.0	58	1	US-07-982-712-35	Sequence 35, APPL	Sequence 35, APPL	Sequence 35, APPL	Sequence 35, APPL
6	13.4	67.0	28	1	US-08-053-564-10	Sequence 10, APPL	Sequence 10, APPL	Sequence 10, APPL	Sequence 10, APPL
7	13.4	67.0	42	1	US-08-101-872A-6	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL
8	13.4	67.0	42	1	US-08-143-372A-6	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL
9	13.4	67.0	70	1	US-08-101-872A-7	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL
10	13.4	67.0	70	1	US-08-101-872A-8	Sequence 8, APPL	Sequence 8, APPL	Sequence 8, APPL	Sequence 8, APPL
11	13.4	67.0	70	2	US-08-143-372A-7	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL
12	13.4	67.0	70	2	US-08-143-372A-8	Sequence 8, APPL	Sequence 8, APPL	Sequence 8, APPL	Sequence 8, APPL
13	13.2	66.0	33	4	US-09-535-851A-6	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL	Sequence 6, APPL
14	13.2	66.0	152	4	US-09-513-999C-27989	Sequence 27989, A	Sequence 27989, A	Sequence 27989, A	Sequence 27989, A
15	13.2	66.0	177	4	US-09-313-234A-292	Sequence 292, APPL	Sequence 292, APPL	Sequence 292, APPL	Sequence 292, APPL
16	12.8	64.0	25	4	US-09-196-196G-1286	Sequence 4286, AP	Sequence 4286, AP	Sequence 4286, AP	Sequence 4286, AP
17	12.8	64.0	25	4	US-09-196-196G-4287	Sequence 4287, AP	Sequence 4287, AP	Sequence 4287, AP	Sequence 4287, AP
18	12.8	64.0	182	4	US-09-513-999C-12286	Sequence 12286, A	Sequence 12286, A	Sequence 12286, A	Sequence 12286, A
19	12.6	63.0	26	1	US-07-120-566-7	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL
20	12.6	63.0	65	3	US-09-415-522-24	Sequence 24, APPL	Sequence 24, APPL	Sequence 24, APPL	Sequence 24, APPL
21	12.6	63.0	77	4	US-09-001-019B-7	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL	Sequence 7, APPL
22	12.6	63.0	108	4	US-08-956-171B-4834	Sequence 4834, AP	Sequence 4834, AP	Sequence 4834, AP	Sequence 4834, AP
23	12.6	63.0	108	4	US-08-781-961A-4834	Sequence 4834, AP	Sequence 4834, AP	Sequence 4834, AP	Sequence 4834, AP
24	12.6	63.0	63	4	US-08-956-171B-4790	Sequence 4790, AP	Sequence 4790, AP	Sequence 4790, AP	Sequence 4790, AP
25	12.6	63.0	129	4	US-08-781-961A-4790	Sequence 4790, AP	Sequence 4790, AP	Sequence 4790, AP	Sequence 4790, AP
26	12.6	63.0	144	4	US-09-270-677-27187	Sequence 27187, A	Sequence 27187, A	Sequence 27187, A	Sequence 27187, A
27	12.6	63.0	99	4	US-08-505-691-3	Sequence 3, APPL	Sequence 3, APPL	Sequence 3, APPL	Sequence 3, APPL

RESULT 1  
US-08-956-171E-1694  
Sequence 1694, Application US/08956171E  
Patent No. 659314  
GENERAL INFORMATION:  
APPLICANT: Charles Kunsch  
Gil H. Choi  
Patrick S. Dillon  
Craig A. Rosen  
Steven C. Barash  
Michael R. Farnon  
TITLE OF INVENTION: *Staphylococcus aureus Polynucleotides and Sequences*  
NUMBER OF SEQUENCES: 5256  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Human Genome Sciences, Inc.  
STREET: 9410 Key West Avenue  
CITY: Rockville  
STATE: Maryland  
COUNTRY: USA  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
COMPUTER: HP Vectra 486/33  
OPERATING SYSTEM: MSPOS version 6.2  
SOFTWARE: ASCII Text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/956-171E  
FILING DATE: 20-Oct-1997  
CLASSIFICATION: <Unknown>  
PRIORITY DATA:  
APPLICATION NUMBER: 60/009,861  
FILING DATE: January 5, 1996  
APPLICATION NUMBER: 08/781,986  
FILING DATE: January 3, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Mark J. Hyman  
REGISTRATION NUMBER: 46,789  
REFERENCE/DOCKET NUMBER: PB2448P1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (240) 314-1224  
TELEFAX: (301) 309-8439  
INFORMATION FOR SEQ ID NO: 1694:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 162 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1694:  
US-08-956-171E-1694  
Query Match 69.0%; Score 13.8; DB 4; Length 162;  
Best Local Similarity 88.2%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 4 TGCATGATTAACGTAGC 20  
Db 50 TACATGAAATAACGTACG 66

---

RESULT 2  
US-08-781-986A-1694  
Sequence 1694, Application US/08781986A  
GENERAL INFORMATION:  
APPLICANT: Charles Kunsch  
TITLE OF INVENTION: *Staphylococcus aureus Polynucleotides and Sequences*  
NUMBER OF SEQUENCES: 5255  
CORRESPONDENCE ADDRESS:

RESULTS  
ADDRESSEE: Human Genome Sciences, Inc.  
STREET: 9410 Key West Avenue  
CITY: Rockville  
STATE: Maryland  
COUNTRY: USA  
ZIP: 20850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
COMPUTER: HP Vectra 486/33  
OPERATING SYSTEM: MSDOS version 6.2  
SOFTWARE: ASCII Text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,986A  
FILING DATE:  
CLASSIFICATION: 435  
PRIORITY DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Benson, Bob  
REGISTRATION NUMBER: 30,446  
REFERENCE/DOCKET NUMBER: PB248PP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (301) 309-8504  
TELEFAX: (301) 309-8512  
INFORMATION FOR SEQ ID NO: 1694:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 162 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-781-986A-1694  
Query Match 69.0%; Score 13.8; DB 4; Length 162;  
Best Local Similarity 88.2%; Pred. No. 8.5e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 4 TGCATGATTAACGTAGC 20  
Db 50 TACATGAAATAACGTACG 66

---

RESULT 3  
US-09-513-999C-25349/c  
Sequence 25349, Application US/0951399C  
GENERAL INFORMATION:  
PATENT NO. 6783961  
APPLICANT: Dumas Milne Edwards, J.B.  
APPLICANT: Ducleurt, A.  
APPLICANT: Giordano, J.Y.  
TITLE OF INVENTION: *Expressed Sequence Tags and Encoded Human Proteins*.  
PATENT NO. 6783961  
FILE REFERENCE: 59 US2.REG  
CURRENT APPLICATION NUMBER: US/09/513,999C  
CURRENT FILING DATE: 2000-02-24  
PRIOR APPLICATION NUMBER: US 60/122,487  
PRIOR FILING DATE: 1999-02-26  
SOFTWARE: Patent.pm  
SEQ ID NO. 25349  
LENGTH: 196  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 12  
OTHER INFORMATION: m=a or c  
US-09-513-999C-25349  
Query Match 69.0%; Score 13.8; DB 4; Length 196;  
Best Local Similarity 88.2%; Pred. No. 8.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 ATGCATGCAATTAGTAC 19  
 Db 31 ATGCATGCTTATGAC 15

RESULT 4  
 US-07-982-712-34  
 / Sequence 34, Application US/07982712

/ GENERAL INFORMATION:  
 / APPLICANT: Hideya FUJIMOTO, Kimiko ITOH  
 / APPLICANT: Mikihiro YAMAMOTO, and Ko SHIMAMOTO  
 / TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous  
 / TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof  
 / NUMBER OF SEQUENCES: 35  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Wenderoth, Lind & Ponack  
 / STREET: 805 Fifteenth Street, N.W., #700  
 / CITY: Washington  
 / STATE: D.C.  
 / COUNTRY: U.S.A.  
 / ZIP: 20005

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 144 mb  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: Wordperfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/982,712  
 FILING DATE: 19921127  
 CLASSIFICATION: 800  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warren M. Cheek, Jr.  
 REGISTRATION NUMBER: 33,367  
 REFERENCE/DOCKET NUMBER:  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-371-8850  
 TELEFAX:  
 TELEX:

INFORMATION FOR SEQ ID NO: 35:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 58 bases  
 TYPE: NUCLEAR ACID  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid

US-07-982-712-35

Query Match 68.0% Score 13.6; DB 1; Length 58;  
 Best Local Similarity 80.0%; Pred. No. 9.7e+02;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGCATGCAATTACGTACG 20  
 Db 54 GCATGCATGAAATTCCCTAGG 35

RESULT 5

US-07-982-712-35/c  
 / Sequence 35, Application US/07982712

/ GENERAL INFORMATION:  
 / APPLICANT: Hideya FUJIMOTO, Kimiko ITOH  
 / APPLICANT: Mikihiro YAMAMOTO, and Ko SHIMAMOTO  
 / TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous  
 / TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof  
 / NUMBER OF SEQUENCES: 35  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Wenderoth, Lind & Ponack  
 / STREET: 805 Fifteenth Street, N.W., #700  
 / CITY: Washington  
 / STATE: D.C.  
 / ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/053,564  
 FILING DATE: 28-APR-1993  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP HEI-4-152593  
 FILING DATE: 28-APR-1992  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7060  
 TELEX: 649113  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 28 bases  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Other nucleic acid  
 DESCRIPTION: synthesized oligonucleotide

US-08-053-564-10

Query Match 67.0%; Score 13.4%; DB 1; Length 28;  
 Best Local Similarity 93.3%; Pred. No. 1.2e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 GCATGCAATTACGGTAC 19  
 Db 12 GGATGCAATTACGTAC 26

RESULT 8  
 US-08-443-372A-6  
 Sequence 6, Application US/08443372A  
 ; Patent No. 5869339  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Treco, Douglas A.  
 ; APPLICANT: Miller, Allan M.  
 ; TITLE OF INVENTION: Library Screening Method  
 ; NUMBER OF SEQUENCES: 30  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 ; STREET: Two Militia Drive  
 ; CITY: Lexington  
 ; STATE: MA  
 ; COUNTRY: USA  
 ; ZIP: 02173  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/443-372A  
 FILING DATE: 17-MAY-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/301-872  
 FILING DATE: 06-SEP-1994  
 APPLICATION NUMBER: US 07/739, 861  
 FILING DATE: 02-AUG-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/552, 183  
 FILING DATE: 13-JUL-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32, 227  
 REFERENCE/DOCKET NUMBER: TKT90-01A2  
 TELEPHONE: 617-861-9240  
 TELEFAX: 617-861-9540  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 42 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-08-443-372A-6

Query Match 67.0%; Score 13.4%; DB 2; Length 42;  
 Best Local Similarity 93.3%; Pred. No. 1.2e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 GCATGCAATTACGTAC 19  
 Db 12 GGATGCAATTACGTAC 26

RESULT 9  
 US-08-301-872A-7/C  
 Sequence 7, Application US/08301872A  
 ; Patent No. 5580734  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Treco, Douglas A.  
 ; APPLICANT: Miller, Allan M.

US-08-301-872A-6

Query Match 67.0%; Score 13.4%; DB 1; Length 42;

TITLE OF INVENTION: Library Screening Method  
 NUMBER OF SEQUENCES: 30  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/301,872A  
 FILING DATE: 06-SEP-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/739,861  
 FILING DATE: 02-AUG-1991

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/552,183  
 FILING DATE: 13-JUL-1990

ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32,227  
 REFERENCE/DOCKET NUMBER: TKT90-01A2

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-861-6240  
 TELEFAX: 617-861-9540  
 INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 70 base pairs  
 TYPE: nucleic acid  
 STRANDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-08-301-872A-8

Query Match 67.0% Score 13.4%; DB 1; Length 70;  
 Best Local Similarity 93.3%; Pred. No. 1.3e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6 CATGCATTAAGTACG 20

Db 17 CATGCATTAAGTACG 31

RESULT 11  
 US-08-443-372A-7/c

Sequence 7, Application US/0843372A  
 Patent No. 5869239  
 GENERAL INFORMATION:  
 APPLICANT: Treco, Douglas A.  
 APPLICANT: Miller, Allan M.

TITLE OF INVENTION: Library Screening Method  
 NUMBER OF SEQUENCES: 30  
 CORRESPONDENCE ADDRESS:  
 STREET: Two Militia Drive  
 CITY: Lexington  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/443,372A  
 FILING DATE: 17-MAY-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/301,873

FILING DATE: 06-SEP-1994  
 APPLICATION NUMBER: US 07/739,861  
 FILING DATE: 02-AUG-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/552,183

FILING DATE: 13-JUL-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32,227  
 REFERENCE/DOCKET NUMBER: TKT90-01A2

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-861-6240  
 TELEFAX: 617-861-9540  
 INFORMATION FOR SEQ ID NO: 7:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/739,861

FILING DATE: 02-AUG-1991

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/301,872A

REGISTRATION NUMBER: TKT90-01A2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-861-6240

TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 70 base pairs

TYPE: nucleic acid

STRANDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-301-872A-8

Query Match 67.0% Score 13.4%; DB 1; Length 70;  
 Best Local Similarity 93.3%; Pred. No. 1.3e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6 CATGCATTAAGTACG 20

Db 54 CATGCATTAAGTACG 40

RESULT 10  
 US-08-301-872A-8

Sequence 8, Application US/08301872A  
 Patent No. 5580734  
 GENERAL INFORMATION:

APPLICANT: Treco, Douglas A.

APPLICANT: Miller, Allan M.

TITLE OF INVENTION: Library Screening Method

NUMBER OF SEQUENCES: 30

CORRESPONDENCE ADDRESS:

STREET: Two Militia Drive

CITY: Lexington

STATE: MA

COUNTRY: USA

ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/443,372A

FILING DATE: 17-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/301,873

FILING DATE: 06-SEP-1994

APPLICATION NUMBER: US 07/739,861

FILING DATE: 02-AUG-1991

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/552,183

FILING DATE: 13-JUL-1990

ATTORNEY/AGENT INFORMATION:

NAME: Granahan, Patricia

REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER: TKT90-01A2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-861-6240

TELEFAX: 617-861-9540

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 70 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-08-443-372A-7

RESULT 13  
 US-09-535-851A-6  
 Sequence 6, Application US/09535851A  
 ; Patent No. 6528636  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Battelle Memorial Institute  
 ; TITLE OF INVENTION: A Promoter Sequence of 3-Phosphoglycerate Kinase Gene 2 of Lactic  
 ; Fungus Rhizopus Oryzae and a Method of Expressing a Ger  
 ; Matches 14; Conservative 0; Mismatches 1;  
 ; Indels 0; Gaps 0;  
 ;  
 Query Match 67.0%; Score 13.4%; DB 2; Length 70;  
 Best Local Similarity 93.3%; Pred. No. 1.3e+03;  
 Matches 6 CATGATTACCTAG 20  
 Db 54 CATGCATTACCTAGG 40  
 SEQ ID NO: 6

RESULT 12  
 US-08-443-372A-8  
 Sequence 8, Application US/08443372A  
 ; Patent No. 5669239  
 ; GENERAL INFORMATION:  
 ; APPLICANT: TRECQ, Douglas A.  
 ; TITLE OF INVENTION: Library Screening Method  
 ; NUMBER OF SEQUENCES: 30  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
 ; STREET: Two Militia Drive  
 ; CITY: Lexington  
 ; STATE: MA  
 ; COUNTRY: USA  
 ; ZIP: 02173

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/443,372A  
 FILING DATE: 17-MAY-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/301,872  
 FILING DATE: 06-SEP-1994  
 APPLICATION NUMBER: US 07/739,861  
 FILING DATE: 02-AUG-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/552,183  
 FILING DATE: 13-JUL-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32,227  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-861-6240  
 TELEFAX: 617-861-9540  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 70 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-08-443-372A-8

Query Match 67.0%; Score 13.4%; DB 2; Length 70;  
 Best Local Similarity 93.3%; Pred. No. 1.3e+03;  
 Matches 14; Conservative 0; Mismatches 1;  
 Indels 0; Gaps 0;

RESULT 15  
 US-09-313-294A-292/C  
 Sequence 292, Application US/09313294A  
 ;

Query Match 67.0%; Score 13.4%; DB 2; Length 70;  
 Best Local Similarity 93.3%; Pred. No. 1.3e+03;  
 Matches 17 CATGCCATTACGTAGC 20  
 Db 108 GAATGCCATTACGTAGG 31  
 SEQ ID NO: 108

RESULT 14  
 US-09-511-999C-27989  
 Sequence 27989, Application US/0951399C  
 ; Patent No. 6783961  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dumas Milne Edwards, J.B.  
 ; APPLICANT: Duclert, A.  
 ; APPLICANT: Giordano, J.V.  
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
 ; Patent No. 6783961  
 ; FILE REFERENCE: 59.US2.REG  
 ; CURRENT APPLICATION NUMBER: US/09/513,999C  
 ; PRIORITY FILING DATE: 2000-02-24  
 ; PRIOR APPLICATION NUMBER: US 60/122,487  
 ; PRIORITY FILING DATE: 1999-05-26  
 ; NUMBER OF SEQ ID NOS: 3,66581  
 ; SOFTWARE: Patent.pm  
 ; SEQ ID NO: 27989  
 ; LENGTH: 152  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 13  
 ; OTHER INFORMATION: w=a or t  
 US-09-511-999C-27989

Query Match 66.0%; Score 13.2%; DB 4; Length 152;  
 Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
 Matches 15; Conservative 0; Mismatches 3;  
 Indels 0; Gaps 0;

Query Match 67.0%; Score 13.2%; DB 4; Length 152;  
 Best Local Similarity 83.3%; Pred. No. 1.7e+03;  
 Matches 17 CATGGATGCAATTACGTA 18  
 Db 108 GAATGCCATTACGTAGG 125  
 SEQ ID NO: 108

```

; Patent No. 6476212
; GENERAL INFORMATION
; APPLICANT: Laligudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; SOFTWARE: SEQ ID NOS: 7600
; SEQ ID NO 292
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURES:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212 700548929H1
; NAME/KEY: unsure
; LOCATION: 2, 6, 75-93
; OTHER INFORMATION: a, t, c, g, or other
US-09-313-294A-292

Query Match 66.0%; Score 13.2%; DB 4; Length 177;
Best Local Similarity 83.3%; Pred. No. 1.7e+03; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3;
Qy 1 GCATGCATGCAATTAGTA 18
Db 52 GCATGCATGCAATGCCATA 35

RESULT 16
US-09-396-196G-4286
; Sequence 4286, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIORITY NUMBER: 60/1100,678
; PRIORITY FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4286
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-396-196G-4286

Query Match 64.0%; Score 12.8%; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2;
Qy 2 CATGCATGCATACGT 17
Db 8 CATGCATGCATACCT 23

RESULT 17
US-09-396-196G-4287
; Sequence 4287, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.

Query Match 64.0%; Score 12.8%; DB 4; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.3e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2;
Qy 2 CATGCATGCATACGT 17
Db 5 CATGCATGCATACCT 20

RESULT 18
US-09-513-999C-12286/C
; Sequence 12286, Application US/0951399C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59-US-REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent-PM
; SEQ ID NO 12286
; LENGTH: 182
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-12286

Query Match 64.0%; Score 12.8%; DB 4; Length 182;
Best Local Similarity 87.5%; Pred. No. 2.8e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 2;
Qy 4 TGGCATCCATACGTAC 19
Db 88 TTTCATGCAATTAGTCC 73

RESULT 19
US-07-720-586-7
; Sequence 7, Application US/07720586
; Patent No. 5232831
; GENERAL INFORMATION:
; APPLICANT: Curt Milliman
; APPLICANT: Phillip W. Hammond
; TITLE OF INVENTION: NUCLEIC ACIDS PROBES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; STREET: Lyon & Lyon
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:

RESULT 20
US-09-396-196G-4288
; Sequence 4288, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
 COMPUTER: IBM PS/2 Model 502 or 55SX  
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
 SOFTWARE: WordPerfect (Version 5.0)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/720,586  
 FILING DATE: 1991-06-28  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 PRIOR APPLICATION DATA: including application described below:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 193/121  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 7:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 26  
 TYPE: NUCLEIC ACID  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-07-720-586-7

Query Match 63.0%; Score 12.6%; DB 1; Length 26;  
 Best Local Similarity 78.9%; Pred. No. 2.9e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGATGCTTACCTAACGTACG 20  
 Db 3 CTTGCATGTTATTAGCAGC 21

RESULT 20  
 US-09-415-522-24/C  
 / Sequence 24, Application US/09415522A  
 / Patent No. 6291660  
 / GENERAL INFORMATION:  
 / APPLICANT: Gaffney, Thomas  
 / APPLICANT: Wendland, Juergen  
 / APPLICANT: Philipsen, Peter  
 / TITLE OF INVENTION: No. 6291660 Fungal Genes Required For No. 6291660 mal Growth And Development  
 / FILE REFERENCE: CGC2016  
 / CURRENT APPLICATION NUMBER: US/09/415,522A  
 / CURRENT FILING DATE: 1999-10-08  
 / SOFTWARE: PatentIn Ver. 2.0  
 / SEQ ID NO: 24  
 / LENGTH: 65  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / FEATURE: Other Information: Description of Artificial Sequence:Primer

US-09-415-522-24  
 Query Match 63.0%; Score 12.6%; DB 3; Length 65;  
 Best Local Similarity 78.9%; Pred. No. 3.2e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGATGCTTACGTAC 19  
 Db 57 GCTTGCATGCCCTTCATAC 39

RESULT 22  
 US-08-956-171E-4834/C  
 / Sequence 4834, Application US/08956171E  
 / Patent No. 6593114  
 / GENERAL INFORMATION:  
 / APPLICANT: Charles Kunsch  
 / APPLICANT: Patrick S. Dillon  
 / APPLICANT: Gil H. Choi  
 / APPLICANT: Steven C. Barash  
 / APPLICANT: Michael R. Fannon  
 / TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences  
 / NUMBER OF SEQUENCES: 5256  
 / CORRESPONDENCE ADDRESS:  
 / STREET: 9410 Key West Avenue  
 / CITY: Rockville  
 / STATE: Maryland

RESULT 21  
 US-03-001-039B-7  
 / Sequence 7, Application US/09001039B

COUNTRY: USA  
 ZIP: 20850  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
 COMPUTER: HP Vectra 486/33  
 OPERATING SYSTEM: Msdos version 6.2  
 SOFTWARE: ASCII Text  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/956.171E  
 FILING DATE: 20-Oct-1997  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/009,861  
 FILING DATE: January 5, 1996  
 APPLICATION NUMBER: 08/781,986  
 FILING DATE: January 3, 1997  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mark J. Hyman  
 REGISTRATION/DOCKET NUMBER: 46,789  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (240) 314-1224  
 TELEFAX: (301) 309-8439  
 INFORMATION FOR SEQ ID NO: 4834:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 108 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 4834:  
 US-08-956-171E-4834

Query Match 63.0%; Score 12.6; DB 4; Length 108;  
 Best Local Similarity 78.9%; Pred. No. 3.4e+03;  
 Matches 15; Conservative 0; Mismatches 4;  
 Indels 0; Gaps 0;

Qy 2 CATTGATGCTTACGTAGC 20  
 Db 40 CTTGGATGTTAGGCACG 22

RESULT 23  
 US-08-781-986A-4834/C  
 ; Sequence 4834, Application US/08781986A  
 ; Patent No. 6737248  
 GENERAL INFORMATION:  
 APPLICANT: Charles Kunsch  
 TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences  
 NUMBER OF SEQUENCES: 5255  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Human Genome Sciences, Inc.  
 STREET: 9410 Key West Avenue  
 CITY: Rockville  
 STATE: Maryland  
 COUNTRY: USA  
 ZIP: 20850  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
 COMPUTER: HP Vectra 486/33  
 OPERATING SYSTEM: MS DOS version 6.2  
 SOFTWARE: ASCII Text  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/956.171E  
 FILING DATE: 20-Oct-1997  
 CLASSIFICATION: <Unknown>  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 60/009,861  
 FILING DATE: January 5, 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Mark J. Hyman  
 REGISTRATION NUMBER: 46,789  
 REFERENCE/DOCKET NUMBER: PB248P1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (240) 314-1224  
 TELEFAX: (301) 309-8439  
 INFORMATION FOR SEQ ID NO: 4790:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 129 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 4790:  
 US-08-956-171E-4790

Query Match 63.0%; Score 12.6; DB 4; Length 129;  
 Best Local Similarity 78.9%; Pred. No. 3.4e+03;  
 Matches 15; Conservative 0; Mismatches 4;  
 Indels 0; Gaps 0;

Qy 2 CATGCCATTACGTACG 20  
 Db 100 CTTGCATTAATGGCAGC 82

RESULT 25  
 US-08-781-986A-4790/c  
 / Sequence 4790, Application US/08781986A  
 / GENERAL INFORMATION:  
 / APPLICANT: Charles Kunsch  
 / TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences  
 / NUMBER OF SEQUENCES: 5255  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Human Genome Sciences, Inc.  
 / STREET: 9410 Key West Avenue  
 / CITY: Rockville  
 / STATE: Maryland  
 / COUNTRY: USA  
 / ZIP: 20850  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: Discrete, 3.50 inch, 1.4Mb storage  
 / COMPUTER: HP Vectra 486/33  
 / OPERATING SYSTEM: MSDOS version 6.2  
 / SOFTWARE: ASCII Text  
 / CURRENT APPLICATION DATA:  
 / APPLICATION NUMBER: US/08/781,986A  
 / FILING DATE:  
 / CLASSIFICATION: 435  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER:  
 / FILING DATE:  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Benson, Bob  
 / REGISTRATION NUMBER: 30,446  
 / REFERENCE/DOCKET NUMBER: P248PP  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (301) 309-8504  
 / TELEFAX: (301) 309-8512  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 129 base Pairs  
 / TYPE: nucleic acid  
 / STRANDEDNESS: double  
 / TOPOLOGY: linear  
 / US-08-781-986A-4790

Query Match 63.0%; Score 12.6; DB 4; Length 129;  
 Best Local Similarity 78.9%; Pred. No. 3.4e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCCATTACGTACG 20  
 Db 100 CTTGCATTAATGGCAGC 82

RESULT 26  
 US-09-270-77187/c  
 / Sequence 27187, Application US/09270767  
 / Patent No. 6103491  
 / GENERAL INFORMATION:  
 / APPLICANT: Homburger et al.  
 / TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*  
 / FILE REFERENCE: File Reference: 7326-094  
 / CURRENT APPLICATION NUMBER: US/09/270,767  
 / CURRENT FILING DATE: 1999-03-17  
 / SOFTWARE: PatentIn Ver. 2.0  
 / SEQ ID NO: 27187  
 / LENGTH: 144  
 / TYPE: DNA  
 / ORGANISM: *Drosophila melanogaster*  
 / FEATURE:

; OTHER INFORMATION: n means any nucleotide  
 US-09-270-767-27187

Query Match 63.0%; Score 12.6; DB 4; Length 144;  
 Best Local Similarity 78.9%; Pred. No. 3.4e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCCATTACGTACG 20  
 Db 33 CAGGATGCGTACGTGCG 15

RESULT 27  
 US-09-513-999C-34984  
 / Sequence 34984, Application US/09513999C  
 / Patent No. 6783961  
 / GENERAL INFORMATION:  
 / APPLICANT: Dumas Milne Edwards, J. B.  
 / APPLICANT: Duclert, A.  
 / APPLICANT: Giordano, J. Y.  
 / TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.  
 / Patent No. 6783961  
 / FILE REFERENCE: 59.US2.REG  
 / CURRENT APPLICATION NUMBER: US/09/513,999C  
 / CURRENT FILING DATE: 2000-02-24  
 / PRIOR APPLICATION NUMBER: US 60/122,487  
 / PRIOR FILING DATE: 1999-02-26  
 / NUMBER OF SEQ ID NOS: 36681  
 / SOFTWARE: Patent.pm  
 / SEQ ID NO: 34984  
 / LENGTH: 145  
 / TYPE: DNA  
 / ORGANISM: Homo sapiens  
 / US-09-513-999C-34984

Query Match 63.0%; Score 12.6; DB 4; Length 145;  
 Best Local Similarity 78.9%; Pred. No. 3.4e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCCATTACGTACG 20  
 Db 28 CATGCCATTACGTACGTAGG 46

RESULT 28  
 US-09-313-294A-26  
 / Sequence 294A-26, Application US/09313294A  
 / Patent No. 647612  
 / GENERAL INFORMATION:  
 / APPLICANT: Laligudi, Raghunath V.  
 / APPLICANT: Ito, Laura Y.  
 / APPLICANT: Sherman, Bradley K.  
 / TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR  
 / FILE REFERENCE: PL-0017 US  
 / CURRENT APPLICATION NUMBER: US/09/313,294A  
 / CURRENT FILING DATE: 1999-05-14  
 / NUMBER OF SEQ ID NOS: 7600  
 / SOFTWARE: PERL Program  
 / SEQ ID NO: 26  
 / LENGTH: 178  
 / TYPE: DNA  
 / ORGANISM: Zea mays  
 / FEATURE:  
 / NAME/KEY: misc feature  
 / OTHER INFORMATION: Incyte ID No. 6476212 7005448351H1  
 / US-09-313-294A-26

Query Match 63.0%; Score 12.6; DB 4; Length 178;  
 Best Local Similarity 78.9%; Pred. No. 3.5e+03;  
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 CATGCCATTACGTACG 20  
 Db 33 CAGGATGCGTACGTGCG 15

```

Db      160 CATGCATGCTATAACAGACG 178
;
; CURRENT APPLICATION NUMBER: US/09/097,759A
; CURRENT FILING DATE: 1998-16-16
; EARLIER APPLICATION NUMBER: DB 197 26 083
;
; EARLIER FILING DATE: 1997-06-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 6
;
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Escherichia coli
; US-09-097-759-6

RESULT 29
US-09-270-767-26372
; Sequence 26372, Application US/09270767
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT FILING DATE: 1999-03-17
; CURRENT APPLICATION NUMBER: US/09/270,767
; NUMBER OF SEQ ID NOS: 62517
; SEQ ID NO: 26372
; LENGTH: 178
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
; US-09-270-767-26372

Query Match   63.0%; Score 12.6%; DB 4; Length 178;
Best Local Similarity 78.9%; Pred. No. 3.5e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
;
; RESULT 32
; US-09-065-104-24
; Sequence 24, Application US/09065104
; Patent No. 6218168
; GENERAL INFORMATION:
; APPLICANT: LEINFELDER, Walfrid,
; ADDRESS: Collard & Roe, P.C.
; STREET: 1077 No. 6218168thern Boulevard
; CITY: Roslyn
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11576
; CORRESPONDENCE ADDRESS:
; ADDRESS: Collard & Roe, P.C.
; STREET: 1077 No. 6218168thern Boulevard
; CITY: Roslyn
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11576
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect Version 5.1 for DOS
; CURRENT APPLICATION NUMBER: US/09/065,104
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: DB 195 39 952
; FILING DATE: 26-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Freedman, Edward R.
; REGISTRATION NUMBER: 22,532
; REFERENCE/DOCKET NUMBER: LEINFELDER PCT
; ATTORNEY/AGENT INFORMATION:
; NAME: Richter, Elizabeth C.
; REGISTRATION NUMBER: 35,103
; REFERENCE/DOCKET NUMBER: LEINFELDER PCT
; TELECOMMUNICATION INFORMATION:
; PHONE: (516) 365-9802
; TELEFAX: (516) 365-9805
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single

RESULT 31
US-09-097-759-6
; Sequence 6, Application US/0909759A
; Patent No. 5972663
; GENERAL INFORMATION:
; APPLICANT: Winterhalter Mr., Christopher
; APPLICANT: Leinfelder Mr., Walfrid
; TITLE OF INVENTION: Microorganisms and Processes for the Fermentative
; TITLE OF INVENTION: Preparation of L-cysteine
; TITLE OF INVENTION: L-cysteine, N-acetylsarcosine or Thiazolidine Derivatives
; FILE REFERENCE: Winterhalter

Db      24 GCATGATGCAATTACGTAC 19
Db      24 GCATGATGCAATTATATGC 42
;
; RESULT 30
; Sequence 4285, Application US/09396196G
; Patent No. 6891724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101_1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO: 4285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-396-196G-4285

Query Match   62.0%; Score 12.4%; DB 4; Length 25;
Best Local Similarity 92.9%; Pred. No. 3.7e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; RESULT 31
; Sequence 6, Application US/0909759A
; Patent No. 5972663
; GENERAL INFORMATION:
; APPLICANT: Winterhalter Mr., Christopher
; APPLICANT: Leinfelder Mr., Walfrid
; TITLE OF INVENTION: Microorganisms and Processes for the Fermentative
; TITLE OF INVENTION: Preparation of L-cysteine
; TITLE OF INVENTION: L-cysteine, N-acetylsarcosine or Thiazolidine Derivatives
; FILE REFERENCE: Winterhalter
;
```

TOPOLOGY: linear  
 MOLECULE TYPE: miscellaneous nucleic acid  
 DESCRIPTION: /desc = "Oligonucleotide"  
 IMMEDIATE SOURCE:  
 LIBRARY: synthetic  
 CLONE: cytB-LHrev1

US-09-065-104-24

Query Match 62.0%; Score 12.4; DB 3; Length 38;  
 Best Local Similarity 92.9%; Pred. No. 3.9e+03;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 7 ATGCATTACGTACG 20  
 5 ATGCATTACGTAGG 18

---

RESULT 33  
 US-08-816-155B-23/C  
 ; Sequence 23, Application US/08816155B  
 ; Patent No. 5990091

GENERAL INFORMATION:  
 APPLICANT: TARTAGLIA, JAMES  
 APPLICANT: COX, WILLIAM I.  
 APPLICANT: GETTIG, RUSSELL R.  
 APPLICANT: MARTINEZ, HECTOR  
 APPLICANT: PAOLETTI, ENZO  
 APPLICANT: PINCUS, STEVEN E.  
 TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND  
 NUMBER OF SEQUENCES: 48  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FROMMER LAWRENCE & HAUG LLP  
 STREET: 745 FIFTH AVENUE  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: USA  
 ZIP: 10151

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/816,155B  
 FILING DATE: 12-MAR-1997  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KOWALSKI, THOMAS J.  
 REGISTRATION NUMBER: 32,147  
 REFERENCE/DOCKET NUMBER: 454310-2990

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-588-0800  
 TELEFAX: 212-588-0500  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 59 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: Single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-08-816-155B-23

Query Match 62.0%; Score 12.4; DB 2; Length 59;  
 Best Local Similarity 92.9%; Pred. No. 4e+03;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 3 ATGCATTACGTACG 16  
 47 ATGCAAGATTAACG 34

---

RESULT 34

INFORMATION FOR SEQ ID NO: 23:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 59 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

US-09-079-587-23

RESULT 36

US-08-600-234-5/C  
 / Sequence 5, Application US/08600234  
 / Patent No. 5807707

GENERAL INFORMATION:  
 / APPLICANT: ANDREWS, David W  
 / APPLICANT: HUGHES, Martin J.G.  
 / APPLICANT: VASSILAKOS, Akaterini  
 / TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA  
 / NUMBER OF SEQUENCES: 21  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Sim & McBurney  
 / STREET: Suite 701, 330 University Avenue  
 / CITY: Toronto  
 / STATE: Ontario  
 / COUNTRY: Canada  
 / ZIP: MSG 1R7

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 APPLICATION NUMBER: US/08/386,921  
 FILING DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 / NAME: Stewart, Michael I.  
 / REGISTRATION NUMBER: 24,973  
 / REFERENCE/DOCKET NUMBER: 1038-423  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (416) 595-1155  
 / TELEX/FAX: (416) 595-1163

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 138 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-386-921-5

Query Match 62.0%; Score 12.4%; DB 3; Length 59;  
 Best Local Similarity 92.9%; Pred. No. 4.e+03;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 ATGCATGCAATTACG 16  
 Db 47 ATGCAGAGCATTAACG 34

RESULT 38

US-08-386-921-13/C  
 / Sequence 13, Application US/08386921  
 / Patent No. 5824497

GENERAL INFORMATION:  
 / APPLICANT: ANDREWS, David W  
 / APPLICANT: HUGHES, Martin J.G.  
 / APPLICANT: VASSILAKOS, Akaterini  
 / TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA  
 / NUMBER OF SEQUENCES: 21  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Sim & McBurney  
 / STREET: Suite 701, 330 University Avenue  
 / CITY: Toronto  
 / STATE: Ontario  
 / COUNTRY: Canada  
 / ZIP: MSG 1R7

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
 APPLICATION NUMBER: US/08/600,234  
 FILING DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 / APPLICATION NUMBER: US 08/386,921  
 / FILING DATE: 10-FEB-1995  
 ATTORNEY/AGENT INFORMATION:  
 / NAME: Stewart, Michael I.  
 / REGISTRATION NUMBER: 24,973  
 / REFERENCE/DOCKET NUMBER: 1038-569  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: (416) 595-1155  
 / TELEX/FAX: (416) 595-1163

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 138 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-600-234-5

Query Match 62.0%; Score 12.4%; DB 1; Length 138;  
 Best Local Similarity 92.9%; Pred. No. 4.3e+03;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 CATGCATGCAATTAC 15  
 Db 106 CAAGGATGCAATTAC 93

RESULT 37

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/386,921  
 FILING DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I.  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 13:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 141 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-386-921-13

Query Match 2 CATGCATGATTAC 62.0%; Score 12.4%; DB 1; Length 141;  
 Best Local Similarity 92.9%; Pred. No. 4.4e+03; Mismatches 1; Indels 0; Gaps 0;

Qy 2 CATGCATGATTAC 15  
 Db 86 CAAGCATGATTAC 73

RESULT 39  
 US-08-386-921-11/C  
 Sequence 11, Application US/08386921  
 GENERAL INFORMATION:  
 APPLICANT: Andrews, David W.  
 PATENT NO.: 5824497

OPERATING SYSTEM: PC-DOS/MS-DOS  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 COMPUTER READABLE FORM:  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/386,921  
 PUBLISH DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I.  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 147 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-386-921-9

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/386,921  
 FILING DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I.  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-423  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 144 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-386-921-11

Query Match 2 CATGCATGATTAC 62.0%; Score 12.4%; DB 1; Length 144;  
 Best Local Similarity 92.9%; Pred. No. 4.4e+03; Mismatches 0; Indels 0; Gaps 0;

Qy 2 CATGCATGATTAC 15  
 Db 89 CAAGCATGATTAC 76

RESULT 40  
 US-08-386-921-9/c  
 Sequence 9, Application US/08386921  
 Patent No. 5824497  
 GENERAL INFORMATION:  
 APPLICANT: Andrews, David W.  
 APPLICANT: Hughes, Martin J.G.  
 APPLICANT: Vassilakos, Akaterini  
 TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA  
 TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF mRNA  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sim & McBurney  
 STREET: Suite 701, 330 University Avenue  
 CITY: Toronto  
 STATE: Ontario  
 COUNTRY: Canada  
 ZIP: M5G 1R7

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/386,921  
 PUBLISH DATE: 10-FEB-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I.  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-423  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 141 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-386-921-9

Query Match 2 CATGCATGATTAC 62.0%; Score 12.4%; DB 1; Length 144;  
 Best Local Similarity 92.9%; Pred. No. 4.4e+03; Mismatches 0; Indels 0; Gaps 0;

Qy 2 CATGCATGATTAC 15  
 Db 92 CAAGCATGATTAC 79

Search completed: March 22, 2005, 10:49:17  
 Job time : 176.333 secs

Result No.	Score	Query Match	Length	DB ID	Description
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2	20	100 0	20	14	US-10-122-633-8
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c 4	14.4	72.0	75	18	US-10-430-201-847
c 5	14.4	72.0	75	18	US-10-430-201-848
c 6	14.2	71.0	25	19	US-10-719-900-18303
c 7	14.2	71.0	25	19	US-10-719-900-665799
c 8	14.2	71.0	123	18	US-10-425-115-178377
c 9	14.2	71.0	141	17	US-10-282-122A-11843
c 10	14.2	71.0	153	11	US-09-727-892-32
c 11	14.2	71.0	175	18	US-10-437-963-71654

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#### OM nucleic - nucleic search, using sw model

March 22, 2005, 09:20:43 ; Search time 710.833 Seconds  
(without alignments)

167.500 Million cell updates/sec

Title: US-09-540-843-8

Perfect score: 20

Sequence: 1 gcatgcatttcattatgtacg 20

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 5544816 seqbs, 2976611598 residues

Total number of hits satisfying chosen parameters:

5770552

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Published Applications NA: \*

1: /cgn2\_6/podata/2/pubnra/us07\_PUBCOMB.seq:\*

2: /cgn2\_6/podata/2/pubnra/PCT\_NEW\_PUB.seq:\*

3: /cgn2\_6/podata/2/pubnra/us06\_NEWPUB.seq:\*

4: /cgn2\_6/podata/2/pubnra/us06\_PUBCOMB.seq:\*

5: /cgn2\_6/podata/2/pubnra/us07\_NEW\_PUB.seq:\*

6: /cgn2\_6/podata/2/pubnra/FACTS\_PUBCOMB.seq:\*

7: /cgn2\_6/podata/2/pubnra/us08\_NEWPUB.seq:\*

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18: /cgn2\_6/podata/2/pubnra/us10P\_PUBCOMB.seq:\*

19: /cgn2\_6/podata/2/pubnra/us10\_NEWPUB.seq:\*

20: /cgn2\_6/podata/2/pubnra/us11\_NEWPUB.seq:\*

21: /cgn2\_6/podata/2/pubnra/us60\_NEWPUB.seq:\*

22: /cgn2\_6/podata/2/pubnra/us60\_PUBCOMB.seq:\*

#### SUMMARIES

%

Result No.

Score

Query Match

Length

DB ID

Description

Sequence 8, Appli

Sequence 846, App

Sequence 847, App

Sequence 848, App

Sequence 18303, A

Sequence 665799, A

Sequence 173377, A

Sequence 11843, A

Sequence 32, Appl

Sequence 71654, A

Sequence 18304, A

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

%

Result No.

Score

Query Match

Length

DB ID

Description

Sequence 8, Appli

Sequence 846, App

Sequence 847, App

Sequence 848, App

Sequence 18303, A

Sequence 665799, A

Sequence 173377, A

Sequence 11843, A

Sequence 32, Appl

Sequence 71654, A

Sequence 18304, A

Sequence 32687, A

Sequence 102233, A

Sequence 102334, A

Sequence 1694, Ap

Sequence 1694, Ap

Sequence 76449, A

Sequence 1569, Ap

Sequence 59127, A

Sequence 76527, A

Sequence 148817, A

Sequence 573924, A

Sequence 46744, A

Sequence 18933, A

Sequence 18933, A

Sequence 15871, A

Sequence 87658, A

Sequence 16957, A

Sequence 356387, A

Sequence 21523, A

Sequence 656, APP

Sequence 129131, A

Sequence 63274, A

Sequence 703238, A

Sequence 431, APP

Sequence 516, APP

Sequence 20469, A

Sequence 65688, A

Sequence 96687, A

Sequence 5712, AP

Sequence 6262, AP

Sequence 6262, AP

Sequence 25250, A

Sequence 20881, A

Sequence 66570, A

Sequence 66570, A

Sequence 39112, A

Sequence 176104, A

Sequence 20880, A

Sequence 32750, A

Sequence 95, APP

Sequence 854, APP

Sequence 855, APP

Sequence 494, APP

Sequence 53343, AP

Sequence 76, APP1

Sequence 78, APP1

Sequence 2073, AP

Sequence 2073, AP

Sequence 167319, AP

Sequence 164060, AP

Sequence 106542, AP

Sequence 145211, AP

Sequence 201783, AP

Sequence 236004, AP

Sequence 325872, AP

Sequence 543037, AP

Sequence 543555, AP

Sequence 86758, AP

Sequence 867481, AP

Sequence 4287, AP

Sequence 10266, A

Sequence 168, APP

Sequence 20497, A

Sequence 59555, A

Sequence 62748, A

Sequence 147446, A

Sequence 48011, A

Sequence 169, APP

Sequence 107, APP

Sequence 73, APP

Sequence 18304, A

**RESULT 1**  
US-10-122-630-8  
; Sequence 8, Application US/10122630  
; Publication No. US20030032610A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-018  
; CURRENT APPLICATION NUMBER: US/10/122,630  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US/08/467,012  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: PCT/US96/08386  
; PRIOR FILING DATE: 1996-06-03  
; PRIOR APPLICATION NUMBER: US/09/048,927  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: US/09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
; ALIGNMENTS

Query Match 100.0%; Score 20; DB 14; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.2; Mismatches 0; Indels 0; Gaps 0;  
; SEQ ID NO: 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic DNA Fragment  
; US-10-122-630-8

**RESULT 2**  
US-10-122-633-8  
; Sequence 8, Application US/10122633  
; Publication No. US20030032611A1  
; GENERAL INFORMATION:  
; APPLICANT: Gilchrist, Barbara A.  
; APPLICANT: Eller, Mark S.  
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
; TITLE OF INVENTION: Oligonucleotides  
; FILE REFERENCE: 0054.1088-019  
; CURRENT APPLICATION NUMBER: US/10/122,633  
; CURRENT FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: US/09/540,843  
; PRIOR FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/US01/10162  
; PRIOR FILING DATE: 2001-03-30  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
; ALIGNMENTS

Query Match 100.0%; Score 20; DB 14; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.2; Mismatches 0; Indels 0; Gaps 0;  
; SEQ ID NO: 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA Fragment  
; US-10-122-633-8

**RESULT 3**  
US-10-430-201-846/C  
; Sequence 846, Application US/10430201  
; Publication No. US20040162679A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Linhong  
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment  
; FILE REFERENCE: 40716 (IP-010)  
; CURRENT APPLICATION NUMBER: US/10/430,201  
; CURRENT FILING DATE: 2003-05-05  
; PRIOR APPLICATION NUMBER: US/60/370,114  
; PRIOR FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 48/9  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 846  
; LENGTH: 75  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; OTHER INFORMATION: synthetic DNA Fragment  
; ALIGNMENTS

Query Match 100.0%; Score 20; DB 14; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.2; Mismatches 0; Indels 0; Gaps 0;  
; SEQ ID NO: 846  
; LENGTH: 75  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; OTHER INFORMATION: synthetic DNA Fragment  
; US-10-430-201-846

**RESULT 4**  
US-10-430-201-847/C  
; Sequence 847, Application US/10430201  
; Publication No. US20040162679A1  
; GENERAL INFORMATION:  
; APPLICANT: Li, Linhong  
; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment  
; FILE REFERENCE: 40716 (IP-010)  
; CURRENT APPLICATION NUMBER: US/10/430,201  
; CURRENT FILING DATE: 2003-05-05  
; PRIOR APPLICATION NUMBER: US/60/370,114  
; PRIOR FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 48/9  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO: 847  
; LENGTH: 75  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; OTHER INFORMATION: synthetic DNA Fragment  
; ALIGNMENTS

Query Match 100.0%; Score 20; DB 14; Length 20;  
Best Local Similarity 100.0%; Pred. No. 2.5e+03; Mismatches 1; Indels 0; Gaps 0;  
; SEQ ID NO: 847  
; LENGTH: 75  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; OTHER INFORMATION: synthetic DNA Fragment  
; US-10-430-201-847

US-10-430-201-847  
 Query Match Similarity 72.0%; Score 14.4; DB 18; Length 75;  
 Best Local Similarity 93.8%; Pred. No. 2.5e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 3 ATGCATGCAATTACGTA 18  
 Db 54 ATGCATGCAATTACGTA 39

RESULT 5  
 US-10-430-201-848/c  
 Sequence 848 Application US/10430201  
 Publication No. US20040162679A1

GENERAL INFORMATION:  
 ; APPLICANT: Li, Linheng  
 ; TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment  
 ; FILE REFERENCE: 40716 (IP-010)  
 ; CURRENT APPLICATION NUMBER: US/10/430,201  
 ; CURRENT FILING DATE: 2003-05-05  
 ; PRIOR FILING DATE: 2002-05-03  
 ; NUMBER OF SEQ ID NOS: 4879  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO: 848  
 ; LENGTH: 75  
 ; TYPE: DNA  
 ; ORGANISM: Mus musculus

US-10-430-201-848  
 Query Match Similarity 72.0%; Score 14.4; DB 18; Length 75;  
 Best Local Similarity 93.8%; Pred. No. 2.5e+03;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 3 ATGCATGCAATTACGTA 18  
 Db 54 ATGCATGCAATTACGTA 39

RESULT 6  
 US-10-719-900-18303/c  
 Sequence 18303 Application US/10719900  
 Publication No. US20050026164A1

GENERAL INFORMATION:  
 ; APPLICANT: Xue Mei Zhou  
 ; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
 ; FILE REFERENCE: 3528.1  
 ; CURRENT APPLICATION NUMBER: US/10/719,900  
 ; CURRENT FILING DATE: 2003-11-20  
 ; PRIOR APPLICATION NUMBER: 60/427,808  
 ; PRIOR FILING DATE: 2002-11-20  
 ; NUMBER OF SEQ ID NOS: 982914  
 ; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
 ; SEQ ID NO: 18303  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Mus musculus

US-10-719-900-18303  
 Query Match Similarity 71.0%; Score 14.2; DB 19; Length 25;  
 Best Local Similarity 84.2%; Pred. No. 3e+03;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 Qy 1 GCATGCAATTACGTA 19  
 Db 24 GCATGCAATTACGTA 6

RESULT 7  
 US-10-719-900-665799/c  
 Sequence 665799 Application US/10719900  
 Publication No. US20050026164A1

APPLICANT: Xu, H.  
 TITLE OF INVENTION: Identification of Essential Genes in Microorganisms  
 FILE REFERENCE: ELTTA-03A  
 CURRENT APPLICATION NUMBER: US/10/282,122A  
 PRIOR APPLICATION NUMBER: 2003-02-10  
 PRIOR FILING DATE: 2003-02-10  
 PRIOR APPLICATION NUMBER: 60/191,078  
 PRIOR FILING DATE: 2000-03-21  
 PRIOR APPLICATION NUMBER: 60/246,848  
 PRIOR FILING DATE: 2000-05-23  
 PRIOR APPLICATION NUMBER: 60/247,727  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: 60/230,335  
 PRIOR FILING DATE: 2000-09-06  
 PRIOR APPLICATION NUMBER: 60/240,347  
 PRIOR FILING DATE: 2000-09-09  
 PRIOR APPLICATION NUMBER: 60/242,578  
 PRIOR FILING DATE: 2000-10-23  
 PRIOR APPLICATION NUMBER: 60/253,625  
 PRIOR FILING DATE: 2000-11-27  
 PRIOR APPLICATION NUMBER: 60/257,931  
 PRIOR FILING DATE: 2000-12-22  
 PRIOR APPLICATION NUMBER: 60/267,636  
 PRIOR FILING DATE: 2001-02-09  
 PRIOR APPLICATION NUMBER: 60/269,308  
 PRIOR FILING DATE: 2001-02-16  
 REMAINING Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 78614  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 11843  
 LENGTH: 111  
 TYPE: DNA  
 ORGANISM: Burkholderia cepacia  
 US-10-282-122A-11843

Query Match 71.0%; Score 14.2%; DB 17; Length 141;  
 Best Local Similarity 84.2%; Pred. No. 3.3e+03;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGGATTACGTAC 19  
 Db 38 GCCTGATGATAACGGAC 20

RESULT 10  
 US-09-727-892-32/c  
 Sequence 32, Application US/09/727892  
 Publication No. US20040091856A1  
 GENERAL INFORMATION:  
 APPLICANT: PhageTech, Inc.  
 PELLETIER, Jerry  
 GROS, Philippe  
 APPLICANT: DUBON, Michael  
 TITLE OF INVENTION: DNA SEQUENCES FROM STAPHYLOCOCCUS AUREUS BACTERIOPHAGE 44 AHJD  
 FILE REFERENCE: 073406-0302  
 CURRENT APPLICATION NUMBER: US/09/727,892  
 CURRENT FILING DATE: 2000-12-01  
 NUMBER OF SEQ ID NOS: 159  
 SOFTWARE: PatentIn version 3.0  
 LENGTH: 153  
 TYPE: DNA  
 ORGANISM: Staphylococcus aureus Bacteriophage 44 AHJD  
 US-09-727-892-32

Query Match 71.0%; Score 14.2%; DB 11; Length 153;  
 Best Local Similarity 84.2%; Pred. No. 3.3e+03;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 GCATGGATTACGTAC 19  
 Db 70 GCATGATGATAACGGAC 52

RESULT 11  
 US-10-437-963-71654/c  
 Sequence 71654, Application US/10437963  
 Publication No. US20040123343A1  
 GENERAL INFORMATION:  
 APPLICANT: La Rosa, Thomas J.  
 APPLICANT: Kovacic, David K.  
 APPLICANT: Zhou, Yihua  
 APPLICANT: Cao, Yongwei  
 APPLICANT: Wu, Wei  
 APPLICANT: Boukharov, Andrey A.  
 APPLICANT: Barbazuk, Brad  
 APPLICANT: Li, Ping  
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement  
 FILE REFERENCE: 38-21(53221)B  
 CURRENT APPLICATION NUMBER: US/10/437,963  
 CURRENT FILING DATE: 2003-05-14  
 NUMBER OF SEQ ID NOS: 204966  
 SEQ ID NO: 71654  
 LENGTH: 175  
 TYPE: DNA  
 ORGANISM: Oryza sativa  
 FEATURE:  
 OTHER INFORMATION: Clone ID: PAT\_MRT4530\_72107C.1  
 US-10-437-963-71654

Query Match 71.0%; Score 14.2%; DB 18;  
 Best Local Similarity 84.2%; Pred. No. 3.3e+03;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATCATGATTAGTAGTACG 20  
 Db 46 CATCCATGCATTCTTACG 28

RESULT 12  
 US-10-437-963-32667/c  
 Sequence 32667, Application US/10437963  
 Publication No. US20040123343A1  
 GENERAL INFORMATION:  
 APPLICANT: La Rosa, Thomas J.  
 APPLICANT: Kovacic, David K.  
 APPLICANT: Zhou, Yihua  
 APPLICANT: Cao, Yongwei  
 APPLICANT: Wu, Wei  
 APPLICANT: Boukharov, Andrey A.  
 APPLICANT: Barbazuk, Brad  
 APPLICANT: Li, Ping  
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement  
 FILE REFERENCE: 38-21(53221)B  
 CURRENT APPLICATION NUMBER: US/10/437,963  
 CURRENT FILING DATE: 2003-05-14  
 NUMBER OF SEQ ID NOS: 204966  
 SEQ ID NO: 32667  
 LENGTH: 191  
 TYPE: DNA  
 ORGANISM: Oryza sativa  
 FEATURE:  
 OTHER INFORMATION: Clone ID: PAT\_MRT4530\_36871C.1  
 US-10-437-963-32667

Query Match 71.0%; Score 14.2%; DB 18;  
 Best Local Similarity 84.2%; Pred. No. 3.3e+03;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 CATCATGATTAGTAGTACG 20  
 Db 62 CATCCATGCATTCTTACG 44

RESULT 13  
US-10-719-900-102233/C  
Sequence 102233, Application US/10719900  
Publication No. US20050026164A1  
GENERAL INFORMATION:  
APPLICANT: Xue Mei Zhou  
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
FILE REFERENCE: 3528.1  
CURRENT APPLICATION NUMBER: US/10/719,900  
CURRENT FILING DATE: 2003-11-20  
PRIORITY NUMBER: 60/427,808  
PRIOR FILING DATE: 2002-11-20  
NUMBER OF SEQ ID NOS: 982914  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 102233  
LENGTH: 25

TYPE: DNA  
ORGANISM: Mus musculus  
US-10-719-900-102233

Query Match 69.0%; Score 13.8; DB 19; Length 25;  
Best Local Similarity 88.2%; Pred. No. 4.8e-03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 4 TGCATGCAATTAGTACCG 20  
Db 24 TGCATGCAATTAGTACCG 8

RESULT 14  
US-10-719-900-102234/C  
Sequence 102234, Application US/10719900  
Publication No. US20050026164A1  
GENERAL INFORMATION:  
APPLICANT: Xue Mei Zhou  
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
FILE REFERENCE: 3528.1  
CURRENT APPLICATION NUMBER: US/10/719,900  
CURRENT FILING DATE: 2003-11-20  
PRIORITY NUMBER: 60/427,808  
PRIOR FILING DATE: 2002-11-20  
NUMBER OF SEQ ID NOS: 982914  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
SEQ ID NO 102234  
LENGTH: 25

TYPE: DNA  
ORGANISM: Mus musculus  
US-10-719-900-102234

Query Match 69.0%; Score 13.8; DB 19; Length 25;  
Best Local Similarity 88.2%; Pred. No. 4.8e-03;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Db 4 TGCATGCAATTAGTACCG 20  
Db 24 TGCATGCAATTAGTACCG 8

RESULT 15  
US-08-781-986A-1694  
Sequence 1694, Application US/08781986A  
Publication No. US20030054436A1  
GENERAL INFORMATION:  
APPLICANT: Charles Kunsch  
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences  
NUMBER OF SEQUENCES: 5255  
CORRESPONDENCE ADDRESS:  
ADDRESS: Human Genome Sciences, Inc.  
STREET: 9410 Key West Avenue  
CITY: Rockville  
STATE: Maryland  
COUNTRY: USA  
ZIP: 20850

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4MB storage  
COMPUTER: HP Vectra 486/33  
OPERATING SYSTEM: MSDOS version 6.2  
SOFTWARE: ASCII Text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/781,986A  
FILING DATE: October 20, 1997  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/956,171  
FILING DATE: October 20, 1997  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 60/009,861  
FILING DATE: January 5, 1996  
APPLICATION NUMBER: 08/781,986  
FILING DATE: January 3, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Mark J. Hyman

```

; REGISTRATION NUMBER: 46,789
; REFERENCE/DOCKET NUMBER: PB248P1D1
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (240) 314-1224
;   TELEFAX: (301) 309-8439
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 base pairs
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
; US-10-329-624-1694

Query Match 69.0%; Score 13.8; DB 17; Length 162;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 3B-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 173
; TYPE: DNA
; ORGANISM: Glycine max
; OTHER INFORMATION: Clone ID: PAT_MRT3847_40045C.1
; US-10-424-599-76449

Query Match 69.0%; Score 13.8; DB 17; Length 173;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 3B-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 177
; TYPE: DNA
; ORGANISM: Glycine max
; OTHER INFORMATION: Clone ID: PAT_MRT3847_40115C.1
; US-10-424-599-76449

; RESULT 17
; Query Match 69.0%; Score 13.8; DB 17; Length 162;
; Best Local Similarity 88.2%; Pred. No. 5.2e+03;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 3B-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 180
; TYPE: DNA
; ORGANISM: Glycine max
; OTHER INFORMATION: Clone ID: PAT_MRT3847_24402C.1
; US-10-424-599-76449

Query Match 69.0%; Score 13.8; DB 17; Length 180;
Best Local Similarity 88.2%; Pred. No. 5.2e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; US-10-424-599-76449
; Sequence 76449, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 3B-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 76449
; LENGTH: 187
; TYPE: DNA
; ORGANISM: Glycine max
; OTHER INFORMATION: unsure at all n locations
; US-10-424-599-76449

; RESULT 18
; Query Match 69.0%; Score 13.8; DB 17; Length 173;
; Best Local Similarity 88.2%; Pred. No. 5.2e+03;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
; US-10-424-599-1569
; Sequence 1569, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
;   APPLICANT: La Rosa Thomas J
;   APPLICANT: Kovalic David K
;   APPLICANT: Zhou Yihua
;   APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 3B-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 1569
; LENGTH: 177
; TYPE: DNA

```

```

Query Match      69.0%; Score 13.8; DB 17; Length 187;
Best Local Similarity 88.2%; Pred. No. 5.2e+03; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

Qy          4 TGCATGCAATTACGTACG 20
Db          90 TGCATGCAATTACGTACG 106

RESULT 21
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21 (53221) B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 46744
; LENGTH: 112
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_49581C.1
; US-10-437-963-46744

Query Match      68.0%; Score 13.6; DB 18; Length 112;
Best Local Similarity 80.0%; Pred. No. 6.4e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4;
; OTHER INFORMATION: Clone ID: PAT_MRT4530_49581C.1
; US-10-437-963-46744

Qy          1 GCGTGCATGCATTACGTACG 20
Db          1 GCGAGCAAACATTACGTACG 20

RESULT 24
; Publication No. US-10-442-535A-18933/C
; Sequence 18933, Application US/10242535A
; GENERAL INFORMATION:
; APPLICANT: Chondroene Inc.
; APPLICANT: Lieuw, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/1085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 59994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18933
; LENGTH: 165
; TYPE: DNA
; ORGANISM: Human
; US-10-242-535A-18933

Query Match      68.0%; Score 13.6; DB 17; Length 165;
Best Local Similarity 80.0%; Pred. No. 6.5e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4;

Qy          1 GCGTGCATGCATTACGTACG 20
Db          65 GCGTCATGCATTACGTACG 20

RESULT 22
; Publication No. US-10-719-900-573924/C
; Sequence 573924, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xie, Mei; Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/4427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 573924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-719-900-573924

Query Match      68.0%; Score 13.6; DB 19; Length 25;
Best Local Similarity 80.0%; Pred. No. 6e+03; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4;

Qy          1 GCATGCAATTACGTACG 20
Db          25 GGATGCCCTGAATCTGGTAGC 6

```

GENERAL INFORMATION:  
; APPLICANT: ChondroGene Inc.  
; APPLICANT: Li, C.C.  
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis-8  
; FILE REFERENCE: 4231/2002  
; CURRENT APPLICATION NUMBER: US/10/085\_783A  
; CURRENT FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: US 60/305,340  
; PRIOR FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/275,017  
; PRIOR FILING DATE: 2001-03-12  
; PRIOR APPLICATION NUMBER: US 60/271,955  
; PRIOR FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 58994  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 18933  
; LENGTH: 165  
; TYPE: DNA  
; ORGANISM: Human  
; US-10-085-783A-18933

Query Match 68.0%; Score 13.6; DB 17; Length 165;  
Best Local Similarity 80.0%; Pred. No. 6.5e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGATGATTACGTACG 20  
Db 65 GCTTCATGATTACCTAACAG 46

RESULT 26  
US-10-425-115-15874  
; Sequence 15874, Application US/10425115  
; Publication No. US20040214272A1  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Kovalic, David K.  
; APPLICANT: Zhou, Yihua  
; APPLICANT: Cao, Yongwei  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With  
; Title of Invention: Plants  
; FILE REFERENCE: 38-21(53222)B  
; CURRENT APPLICATION NUMBER: US/10/425,115  
; CURRENT FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 369325  
; SEQ ID NO 15874  
; LENGTH: 177  
; TYPE: DNA  
; ORGANISM: Zea mays  
; FEATURE: NAME/KEY: unsure  
; LOCATION: (1)-(177)  
; OTHER INFORMATION: unsure at all n locations  
; OTHER INFORMATION: Clone ID: MRT4577\_114478C.1  
; US-10-425-115-15874

Query Match 68.0%; Score 13.6; DB 18; Length 177;  
Best Local Similarity 80.0%; Pred. No. 6.5e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGATGATTACGTACG 20  
Db 36 GCATGCCAGCATCATCTACG 55

RESULT 27  
US-10-437-963-87658  
; Sequence 87658, Application US/10437963  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Kovalic, David K.

RESULT 28  
US-10-021-323-16957  
; Sequence 16957, Application US/10021323  
; Publication No. US20040123340A1  
; GENERAL INFORMATION:  
; APPLICANT: Deikman, Jill C.  
; APPLICANT: Feng, Paul C.C.  
; APPLICANT: Fincher, Karen L.  
; APPLICANT: Ziegler, Todd B.  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With  
; Title of Invention: Plants  
; FILE REFERENCE: 38-21(5224)B  
; CURRENT APPLICATION NUMBER: US/10/021,323  
; CURRENT FILING DATE: 2001-12-12  
; PRIOR APPLICATION NUMBER: US 60/255, 619  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 17880  
; SEQ ID NO 16957  
; LENGTH: 187  
; TYPE: DNA  
; ORGANISM: Gossypium hirsutum  
; FEATURE:  
; OTHER INFORMATION: Clone ID: LIB3829-026-Q6-N6-B3  
; US-10-021-323-16957

Query Match 68.0%; Score 13.6; DB 18; Length 187;  
Best Local Similarity 80.0%; Pred. No. 6.5e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1 GCATGATGATTACGTACG 20  
Db 124 GCATGCTTGCACAGTAGTACG 143

RESULT 29  
US-10-719-900-356387  
; Sequence 356387, Application US/10719900  
; Publication No. US20050026164A1  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
; FILE REFERENCE: 3528 1  
; CURRENT APPLICATION NUMBER: US/10/719,900  
; CURRENT FILING DATE: 2003-11-20

PRIOR APPLICATION NUMBER: 60/427,808  
 PRIOR FILING DATE: 2002-11-20  
 NUMBER OF SEQ ID NOS: 982914  
 SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
 SEQ ID NO: 356387  
 LENGTH: 25  
 TYPE: DNA  
 ORGANISM: Mus musculus  
 US-10-719-900-356387

Query Match 67.0%; Score 13.4; DB 19; Length 25;  
 Best Local Similarity 93.3%; Pred. No. 7.5e+03; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; N mismatches 1;

Qy 5 GCATGATTAGTAC 19  
 Db 6 GCATGATTAGTAC 20

---

RESULT 30  
 US-10-767-701-21523/c  
 Sequence 21523. Application US/10767701  
 Publication No. US20040172684A1  
 GENERAL INFORMATION:  
 APPLICANT: Kovacic, David K.  
 APPLICANT: Zhou, Yihua  
 APPLICANT: Cao, Yongwei  
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With  
 Title or Invention: Plants and Uses Thereof For Plant Improvement  
 PCT REFERENCE: 38-21(5353)B  
 CURRENT APPLICATION NUMBER: US/10/767,701  
 CURRENT FILING DATE: 2004-01-29  
 NUMBER OF SEQ ID NOS: 63128  
 SEQ ID NO: 21523  
 LENGTH: 165  
 TYPE: DNA  
 ORGANISM: Sorghum bicolor  
 OTHER INFORMATION: Clone ID: 13239548

Query Match 67.0%; Score 13.4; DB 18; Length 165;  
 Best Local Similarity 93.3%; Pred. No. 8.2e+03; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; N mismatches 1;

Qy 1 GCATGATTAGTAC 15  
 Db 141 GCATGATTAGTAC 127.

---

RESULT 31  
 US-09-728-444-656/c  
 Sequence 656. Application US/09728444  
 Patent No. US20040161207A1  
 GENERAL INFORMATION:  
 APPLICANT: Friedrich, Glenn  
 APPLICANT: Zambrowicz, Brian  
 APPLICANT: Sands, Arthur T.  
 TITLE OF INVENTION: No. US20040161207A1 Murine Polynucleotide Sequences  
 Title Invention: and Mutant Cells and Mutant Animals Defined Thereby  
 PCT REFERENCE: LEX-100-US-A  
 CURRENT APPLICATION NUMBER: US/09/728,444  
 CURRENT FILING DATE: 2000-11-30  
 PRIOR FILING DATE: 1999-12-01  
 NUMBER OF SEQ ID NOS: 1206  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 656  
 LENGTH: 176

Query Match 67.0%; Score 13.4; DB 9; Length 175;  
 Best Local Similarity 93.3%; Pred. No. 8.2e+03; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; N mismatches 1;

Qy 1 GCATGATTAGTAC 15  
 Db 103 GCATGATTAGTAC 89

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RESULT 32  
 US-10-424-599-129131/c  
 Sequence 129131. Application US/10424599  
 Publication No. US20040031072A1  
 GENERAL INFORMATION:  
 APPLICANT: La Rosa, Thomas J.  
 APPLICANT: Kovacic, David K.  
 APPLICANT: Zhou, Yihua  
 APPLICANT: Cao, Yongwei  
 TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
 Title or Invention: Plants and Uses Thereof for Plant Improvement  
 FILE REFERENCE: 38-21(53223)B  
 CURRENT APPLICATION NUMBER: US/10/424,599  
 CURRENT FILING DATE: 2003-04-28  
 NUMBER OF SEQ ID NOS: 285684  
 SEQ ID NO: 129131  
 LENGTH: 188  
 TYPE: DNA  
 ORGANISM: Glycine max  
 FEATURE:  
 OTHER INFORMATION: Clone ID: PAT\_MRT3847\_87610C.1  
 US-10-424-599-129131

Query Match 67.0%; Score 13.4; DB 17; Length 188;  
 Best Local Similarity 93.3%; Pred. No. 8.2e+03; Indels 0; Gaps 0;  
 Matches 14; Conservative 0; N mismatches 1;

Qy 1 GCATGATTAGTAC 15  
 Db 141 GCATGATTAGTAC 127

---

RESULT 33  
 US-10-719-900-632764  
 Sequence 632764. Application US/10719900  
 Publication No. US20050026164A1  
 GENERAL INFORMATION:  
 APPLICANT: Xue Mei Zhou  
 TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
 FILE REFERENCE: 3528.1  
 CURRENT APPLICATION NUMBER: US/10/719,900  
 CURRENT FILING DATE: 2003-11-20  
 PRIOR APPLICATION NUMBER: 60/427,808  
 PRIOR FILING DATE: 2002-11-20  
 NUMBER OF SEQ ID NOS: 982914  
 SEQ ID NO: 632764  
 LENGTH: 25  
 TYPE: DNA  
 ORGANISM: Mus musculus  
 US-10-719-900-632764

Query Match 66.0%; Score 13.2; DB 19; Length 25;  
 Best Local Similarity 83.3%; Pred. No. 9.4e+03; Indels 0; Gaps 0;  
 Matches 15; Conservative 3;

Qy 1 GCATGATTAGTAC 18  
 Db 3 GCATGATTAGTAC 20



RESULT 38  
 US-10-424-599-65688/C  
 ; Sequence 65688, Application US/10424599  
 ; Publication No. US20040031072A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: La Rosa, Thomas J  
 ; APPLICANT: Kovalic, David K  
 ; APPLICANT: Zhou, Yihua  
 ; APPLICANT: Cao, Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement  
 ; FILE REFERENCE: 38-21(53221)B  
 ; CURRENT APPLICATION NUMBER: US/10/424,599  
 ; CURRENT FILING DATE: 2003-04-28  
 ; NUMBER OF SEQ ID NOS: 285694  
 ; SEQ ID NO 65688  
 ; LENGTH: 128  
 ; TYPE: DNA  
 ; ORGANISM: Glycine max  
 ; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_30331C.1

US-10-424-599-65688

Query Match 66.0%; Score 13.2; DB 17; Length 128;  
 Best Local Similarity 83.3%; Pred. No. 1e+04;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	2	CATGCATGCAATTACGTAC 19
Db	36	CATGCATGCACTCCCTTC 19

RESULT 39

US-10-437-963-96687/C  
 ; Sequence 96687, Application US/10437963  
 ; Publication No. US20050123343A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: La Rosa, Thomas J.  
 ; APPLICANT: Kovalic, David K.  
 ; APPLICANT: Zhou, Yihua  
 ; APPLICANT: Cao, Yongwei  
 ; APPLICANT: Wu, Wei  
 ; APPLICANT: Boukharov, Andrey A.  
 ; APPLICANT: Barbazuk, Brad  
 ; APPLICANT: Li, Ping

; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Plants and Uses Thereof for Plant Improvement  
 ; FILE REFERENCE: 38-21(53221)B  
 ; CURRENT APPLICATION NUMBER: US/10/437,963  
 ; CURRENT FILING DATE: 2003-05-14  
 ; NUMBER OF SEQ ID NOS: 204966  
 ; SEQ ID NO 96687  
 ; LENGTH: 131  
 ; TYPE: DNA  
 ; FEATURE:  
 ; NAME /KEY: unsure

; LOCATION: (1)..(131)

; OTHER INFORMATION: unsure at all n locations

; FEATURE:  
 ; OTHER INFORMATION: Clone ID: PAT\_MRT4530\_94760C.1

US-10-437-963-96687

Query Match 66.0%; Score 13.2; DB 18; Length 131;  
 Best Local Similarity 83.3%; Pred. No. 1e+04;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy	2	CATGCATGCAATTACGTAC 19
Db	70	CATGCATGAAATATGTAC 53

RESULT 40

US-10-260-238-5712/C  
 ; Sequence 5712, Application US/10260238  
 ; Publication No. US20040016025A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Budworth, Paul R.  
 ; APPLICANT: Moughamer, Todd G.  
 ; APPLICANT: Briggs, Steven P.  
 ; APPLICANT: Cooper, Bret  
 ; APPLICANT: Glazebrook, Jane  
 ; APPLICANT: Goff, Stephen A.  
 ; APPLICANT: Katagiri, Fumiyaiki  
 ; APPLICANT: Kreps, Joel  
 ; APPLICANT: Provart, Nicholas  
 ; APPLICANT: Ricker, Darrell  
 ; APPLICANT: Zhu, Tong

; TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION  
 ; FILE REFERENCE: 60111-NP  
 ; CURRENT APPLICATION NUMBER: US/10/260,238  
 ; CURRENT FILING DATE: 2002-09-26  
 ; PRIOR APPLICATION NUMBER: US 60/325,448  
 ; PRIOR FILING DATE: 2001-05-26  
 ; PRIOR APPLICATION NUMBER: US 60/325,277  
 ; PRIOR FILING DATE: 2001-09-26  
 ; PRIOR APPLICATION NUMBER: US 60/370,620  
 ; PRIOR FILING DATE: 2002-04-04  
 ; NUMBER OF SEQ ID NOS: 6077  
 ; SEQ ID NO 5712

Query Match 66.0%; Score 13.2; DB 17; Length 138;  
 Best Local Similarity 83.3%; Pred. No. 1e+04;  
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 ;  
 Qy 2 CATGCATGCAATTACGTAC 19  
 Db 59 CATGCATGAAATATGTAC 42

Search completed: March 22, 2005, 19:09:48  
 Job time : 717.833 secs

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## OM nucleic - nucleic search, using sw model

Run on: March 22, 2005, 04:59:11 ; Search time 52 Seconds

(without alignments)  
188.801 Million cell updates/sec

Title: US-09-540-843-11

Perfect score: 6 ttaggg 6

Scoring table: IDENTITY NUC Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 816138359 residues

Total number of hits satisfying chosen parameters: 1407054

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Issued Patents NA:\*

1: /cg92\_6\_ptodata/1/ina/5A COMB. seq.\*  
2: /cg92\_6\_ptodata/1/ina/5B COMB. seq.\*  
3: /cg92\_6\_ptodata/1/ina/6A COMB. seq.\*  
4: /cg92\_6\_ptodata/1/ina/6B COMB. seq.\*  
5: /cg92\_6\_ptodata/1/ina/PCUTUS COMB. seq.\*  
6: /cg92\_6\_ptodata/1/ina/backflesi.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query	Match	Length	DB	ID	Description
1	6 100.0	6 1	US-09-381-097A-3	Sequence 3, App1		
c 2	6 100.0	6 1	US-09-381-097A-5	Sequence 5, App1		
c 3	6 100.0	6 1	US-09-153-051B-4	Sequence 4, App1		
c 4	6 100.0	6 1	US-09-337-084-2	Sequence 2, App1		
c 5	6 100.0	6 2	US-09-151-077A-4	Sequence 4, App1		
c 6	6 100.0	6 2	US-09-670-099-3	Sequence 3, App1		
7	6 100.0	6 3	US-09-729-598-4	Sequence 4, App1		
8	6 100.0	6 3	US-09-819-967-27	Sequence 9, App1		
c 9	6 100.0	6 3	US-09-630-019A-1	Sequence 27, App1		
10	6 100.0	6 3	US-09-018-595-3	Sequence 1, App1		
11	6 100.0	6 3	US-09-114-799-3	Sequence 3, App1		
12	6 100.0	6 3	US-09-608-036A-1	Sequence 1, App1		
13	6 100.0	6 4	US-09-778-555-9	Sequence 9, App1		
14	6 100.0	6 4	US-09-378-335-27	Sequence 27, App1		
c 15	6 100.0	6 4	US-09-940-173A-6	Sequence 1, App1		
c 16	6 100.0	6 4	US-09-730-093-1	Sequence 1, App1		
17	6 100.0	6 4	US-09-114-799-3	Sequence 3, App1		
18	6 100.0	6 4	US-09-42-060-7	Sequence 7, App1		
19	6 100.0	6 5	PCT-US96-01206-1	Sequence 1, App1		
20	6 100.0	7 3	US-09-729-598-8	Sequence 8, App1		
c 21	6 100.0	7 4	US-09-190-173A-6	Sequence 6, App1		
22	6 100.0	8 3	US-09-838-545-15	Sequence 15, App1		
c 23	6 100.0	8 3	US-09-838-545-30	Sequence 30, App1		
c 24	6 100.0	8 3	US-09-838-545-34	Sequence 30, App1		
c 25	6 100.0	8 3	US-09-149-532-15	Sequence 15, App1		
c 26	6 100.0	8 3	US-09-349-532-30	Sequence 30, App1		
c 27	6 100.0	8 3	US-09-349-532-30	Sequence 30, App1		

3	100.0	8 4	US-09-349-532-34	Sequence 34, App1		
6	100.0	8 4	US-09-940-173A-4	Sequence 4, App1		
6	100.0	9 3	US-09-730-0893-4	Sequence 4, App1		
31	6 100.0	9 3	US-08-337-684-3	Sequence 27, App1		
32	6 100.0	9 3	US-08-630-019A-27	Sequence 14, App1		
33	6 100.0	9 3	US-09-069-134-14	Sequence 16, App1		
34	6 100.0	9 3	US-08-838-545-16	Sequence 16, App1		
35	6 100.0	9 3	US-09-349-532-16	Sequence 16, App1		
36	6 100.0	10 1	US-08-192-300-18	Sequence 18, App1		
37	6 100.0	10 2	US-08-743-10	Sequence 10, App1		
38	6 100.0	10 3	US-08-630-019A-8	Sequence 8, App1		
39	6 100.0	10 3	US-08-838-545-7	Sequence 7, App1		
c 40	6 100.0	10 3	US-08-838-545-11	Sequence 11, App1		
c 41	6 100.0	10 3	US-08-838-545-17	Sequence 17, App1		
c 42	6 100.0	10 3	US-08-838-545-21	Sequence 21, App1		
c 43	6 100.0	10 3	US-08-838-545-29	Sequence 29, App1		
c 44	6 100.0	10 3	US-08-974-549A-527	Sequence 527, App1		
c 45	6 100.0	10 3	US-09-349-532-7	Sequence 7, App1		
c 46	6 100.0	10 3	US-09-349-532-11	Sequence 11, App1		
c 47	6 100.0	10 3	US-09-349-532-17	Sequence 17, App1		
c 48	6 100.0	10 3	US-09-349-532-21	Sequence 21, App1		
c 49	6 100.0	10 3	US-09-349-532-29	Sequence 29, App1		
c 50	6 100.0	10 4	US-08-912-951-294	Sequence 294, App1		
c 51	6 100.0	10 4	US-09-769-482-41	Sequence 41, App1		
c 52	6 100.0	10 4	US-09-402-181B-527	Sequence 527, App1		
c 53	6 100.0	10 4	US-09-721-456-527	Sequence 527, App1		
c 54	6 100.0	11 1	US-08-330-123A-2	Sequence 2, App1		
c 55	6 100.0	11 1	US-08-482-115B-2	Sequence 2, App1		
c 56	6 100.0	11 2	US-08-660-678A-2	Sequence 2, App1		
c 57	6 100.0	11 2	US-08-531-743-11	Sequence 11, App1		
c 58	6 100.0	11 2	US-08-721-456-527	Sequence 12, App1		
c 59	6 100.0	11 2	US-08-485-778-36	Sequence 36, App1		
c 60	6 100.0	11 2	US-08-472-802C-3	Sequence 3, App1		
c 61	6 100.0	11 3	US-08-520-550A-36	Sequence 36, App1		
c 62	6 100.0	11 3	US-08-630-019A-9	Sequence 9, App1		
c 63	6 100.0	11 3	US-08-630-019A-28	Sequence 28, App1		
c 64	6 100.0	11 3	US-08-630-019A-30	Sequence 30, App1		
c 65	6 100.0	11 3	US-08-630-019A-39	Sequence 39, App1		
c 66	6 100.0	11 3	US-08-838-545-13	Sequence 13, App1		
c 67	6 100.0	11 3	US-08-838-545-14	Sequence 18, App1		
c 68	6 100.0	11 3	US-08-838-545-18	Sequence 19, App1		
c 69	6 100.0	11 3	US-08-838-545-19	Sequence 19, App1		
c 70	6 100.0	11 3	US-08-838-545-31	Sequence 31, App1		
c 71	6 100.0	11 3	US-08-838-545-44	Sequence 44, App1		
c 72	6 100.0	11 3	US-08-998-443-2	Sequence 2, App1		
c 73	6 100.0	11 3	US-09-060-523-2	Sequence 13, App1		
c 74	6 100.0	11 3	US-09-349-532-13	Sequence 14, App1		
c 75	6 100.0	11 3	US-09-349-532-14	Sequence 14, App1		
c 76	6 100.0	11 3	US-09-349-532-18	Sequence 18, App1		
c 77	6 100.0	11 3	US-09-349-532-19	Sequence 19, App1		
c 78	6 100.0	11 3	US-09-349-532-21	Sequence 31, App1		
c 79	6 100.0	11 3	US-09-349-532-44	Sequence 44, App1		
c 80	6 100.0	11 3	US-09-580-517-2	Sequence 2, App1		
c 81	6 100.0	11 3	US-10-463-076-1	Sequence 22, App1		
c 82	6 100.0	11 3	US-08-927-165A-22	Sequence 57, App1		
c 83	6 100.0	11 4	US-09-249-155A-57	Sequence 271, App1		
c 84	6 100.0	11 4	US-09-057-351-2	Sequence 2, App1		
c 85	6 100.0	11 4	US-09-637-051-2	Sequence 1, App1		
c 86	6 100.0	11 4	US-09-835-370-63	Sequence 63, App1		
c 87	6 100.0	11 4	US-10-463-076-1	Sequence 1, App1		
c 88	6 100.0	12 1	US-08-038-766-3	Sequence 2, App1		
c 89	6 100.0	12 1	US-08-330-123A-18	Sequence 3, App1		
c 90	6 100.0	12 1	US-08-381-197A-6	Sequence 6, App1		
c 91	6 100.0	12 1	US-08-153-051B-2	Sequence 2, App1		
c 92	6 100.0	12 1	US-08-153-051B-3	Sequence 3, App1		
c 93	6 100.0	12 1	US-08-153-051B-7	Sequence 7, App1		
c 94	6 100.0	12 1	US-08-475-778-2	Sequence 2, App1		
c 95	6 100.0	12 1	US-08-475-778-3	Sequence 3, App1		
c 96	6 100.0	12 1	US-08-475-778-3	Sequence 3, App1		
c 97	6 100.0	12 1	US-08-337-684-1	Sequence 1, App1		
c 98	6 100.0	12 1	US-08-337-684-6	Sequence 6, App1		
c 99	6 100.0	12 1	US-08-060-952C-2	Sequence 2, App1		
c 100	6 100.0	12 1	US-08-060-952C-3	Sequence 3, App1		

## ALIGNMENTS

RESULT 1  
US-08-381-097A-3  
Sequence 3, Application US/08381097A  
Patent No. 563890

GENERAL INFORMATION:  
APPLICANT: Iverson, Patrick L.  
TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides  
TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment  
of Cancer and Other Diseases  
NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease  
STREET: 801 Grand Suite 3200  
CITY: Des Moines  
COUNTRY: United States  
ZIP: 50309

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
APPLICATION NUMBER: US/08/381,097A  
FILING DATE: 31-JAN-1995  
CURRENT APPLICATION DATA:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Nebel, Heidi S.  
REGISTRATION NUMBER: 37,719  
REFERENCE/DOCKET NUMBER: unmc 63092  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 515-288-3667  
TELEFAX: 515-288-1338

SEQUENCE CHARACTERISTICS:  
LENGTH: 6 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

INFORMATION FOR SEQ ID NO: 5:  
US-08-381-097A-5

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 2  
US-08-381-097A-5/c  
Sequence 5, Application US/08381097A  
Patent No. 563890

GENERAL INFORMATION:  
APPLICANT: Iverson, Patrick L.  
TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides  
TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment  
of Cancer and Other Diseases  
NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease  
STREET: 801 Grand Suite 3200

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 3  
US-08-153-051B-4/c  
Sequence 4, Application US/08153051B

GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Jerry W. Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth Blackburn  
APPLICANT: Woo Kim  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine Strahl  
APPLICANT: Michael J. McEachern  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE  
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match Score 100.0%; DB 1; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/153,051B  
 FILING DATE: NO. 5645986ember 12, 1993

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/038,766  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: 67-3510

APPLICATION NUMBER: 204/195  
 FILING DATE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

REFERENCE/DOCKET NUMBER: 204/195  
 FILING DATE: March 24, 1993

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

---

SEQUENCE CHARACTERISTICS:  
 LENGTH: 6  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-153,051B-4

INFORMATION FOR SEQ ID NO: 4:

Query Match 100.0%; Score 6; DB 1; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 4  
 Sequence 1 TTAGGG 6  
 Application US/08333-1684  
 Patent No. 5686306  
 GENERAL INFORMATION:  
 APPLICANT: West, Michael David  
 APPLICANT: Shay, Jerry  
 APPLICANT: Wright, Woodring E.  
 TITLE OF INVENTION: METHODS AND REAGENTS FOR  
 NUMBER OF SEQUENCES: 8  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 ZIP: California  
 COUNTRY: U.S.A.

CURRENT APPLICATION DATA:  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/1337,784  
 FILING DATE: NO. 5686306ember 10, 1993  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/151,477  
 FILING DATE: NO. 5686306ember 12, 1993  
 PRIORITY NUMBER: 08/151,051  
 FILING DATE: NO. 5686306ember 12, 1993  
 APPLICATION NUMBER: 08/066,952  
 FILING DATE: May 13, 1993  
 APPLICATION NUMBER: 08/038,766  
 FILING DATE: March 24, 1993  
 APPLICATION NUMBER: 07/882,438  
 FILING DATE: May 13, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.

SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: Single  
 TOPOLOGY: Linear

US-08-337-684-2

INFORMATION FOR SEQ ID NO: 4:

Query Match 100.0%; Score 6; DB 1; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 5  
 Sequence 1 TTAGGG 6/C  
 Application US/08151477A  
 Patent No. 5830644  
 GENERAL INFORMATION:  
 APPLICANT: Michael D. West  
 APPLICANT: Jerry W. Shay  
 APPLICANT: Woodring E. Wright  
 APPLICANT: Elizabeth Blackburn  
 APPLICANT: Nam Woo Kim  
 APPLICANT: Calvin B. Harley  
 APPLICANT: Scott L. Weinrich  
 APPLICANT: Catherine Strahl  
 APPLICANT: Michael J. McEachern  
 APPLICANT: Homayoun Vaziri  
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 CONDITIONS RELATED TO TELOMERASE ACTIVITY  
 NUMBER OF SEQUENCES: 58  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 ZIP: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/151,477A  
 FILING DATE: NO. 583064ember 12, 1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/038,766  
 FILING DATE: March 24, 1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

SEQUENCE CHARACTERISTICS:  
 LENGTH: 6

RESULT 6  
US-08-670-999-3  
Sequence 3, Application US/08670999  
Patent No. 5849727  
GENERAL INFORMATION:  
APPLICANT: Porter, Thomas R.  
TITLE OF INVENTION: Compositions and Methods for Altering  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Zarley, McKee, Thomte, Voorhees & Sease  
STREET: 801 Grand Suite 3200  
CITY: Des Moines  
STATE: Iowa  
COUNTRY: United States  
ZIP: 50309  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent-In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/670999  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Porter, Thomas R.  
REGISTRATION NUMBER: 107A  
REFERENCE/DOCKET NUMBER: UUMC 107A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 515-288-3667  
TELEFAX: 515-288-1338  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 base Pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI SENSE: YES  
US-08-670-999-3  
Query Match 100.0%; Score 6; DB 2; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
CITY: Raleigh  
STATE: No. 6001657th Carolina  
COUNTRY: USA  
ZIP: 27627  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent-In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/729598  
FILING DATE: 11-OCT-1996  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Biswas, Sorajini J.  
REGISTRATION NUMBER: 39,111  
REFERENCE/DOCKET NUMBER: 5051-301A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 854-1400  
TELEFAX: (919) 854-1401  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 base Pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
US-08-729-598-4  
Query Match 100.0%; Score 6; DB 3; Length 6;  
Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
CITY: Lyon & Lyon  
STATE: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California

RESULT 7  
US-08-729-598-4  
Sequence 4, Application US/08729598  
Patent No. 6001657  
GENERAL INFORMATION:  
APPLICANT: Hardin, Charles C.

COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSeq for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/819,867  
 FILING DATE: March 14, 1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/153,051  
 FILING DATE: No. 6007989ember 12, 1993  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.  
 REGISTRATION NUMBER: 34,561  
 REFERENCE/DOCKET NUMBER: 224/232  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-819-867-27

Query Match 100.0%; Score 6; DB 3; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 10  
 US-08-630-019A-1  
 Sequence 1, Application US/08630019A  
 Patent No. 6015710

GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Platybek, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 TITLE OF INVENTION: Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 46  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/630,019A  
 FILING DATE: 09-JUN-1996  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001600US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300

RESULT 9  
 US-08-819-867-27/c  
 Sequence 27, Application US/08819867  
 Patent No. 6007989

GENERAL INFORMATION:  
 APPLICANT: Michael D. West  
 APPLICANT: Calvin B. Harley  
 APPLICANT: Scott L. Weinrich  
 APPLICANT: Catherine M. Strahl  
 APPLICANT: Michael J. McEachern  
 APPLICANT: Jerry Shay  
 APPLICANT: Woodring B. Wright  
 APPLICANT: Elizabeth H. Blackburn  
 APPLICANT: Nam Woo Kim  
 APPLICANT: Homayoun Vaziri  
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 CONDITIONS RELATED TO  
 TEOLOMERE LENGTH AND/OR  
 TEOLOMerase ACTIVITY  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid  
 /desc = "peptide nucleic acid (PNA), where (deoxy)ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino nitrogen through a methylenecarbonyl linker"

DESCRIPTION: 95-08-630-019A-1

Query Match Score 6; DB 3; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 |||||  
 Db 1 TTAGGG 6

RESULT 11  
 US-09-018-545-3  
 Sequence 3, Application US/09018545  
 Patent No. 6087493  
 GENERAL INFORMATION:  
 APPLICANT: Wheellhouse, Richard T.  
 ATTNAME: Hurley, Laurence H.  
 TITLE OF INVENTION: PORPHRIN COMPOUNDS AS TELOMERASE INHIBITORS  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Arnold, White & Durkee  
 STREET: P.O. Box 4433  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: U.S.  
 ZIP: 77210

COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/018,545  
 FILING DATE: Concurrently Herewith  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 60/037,295  
 REFERENCE/DOCKET NUMBER: UTSB:654  
 FILING DATE: 15-FEB-1997  
 ATTNAME: Kitchell, Barbara S.  
 NAME: Kitchell, Barbara S.  
 REGISTRATION NUMBER: 33,928  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (512) 418-3000  
 TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-09-018-545-3

Query Match Score 6; DB 3; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 |||||  
 Db 1 TTAGGG 6

RESULT 12  
 US-09-114-399-3  
 Sequence 3, Application US/09114399  
 Patent No. 6245747  
 GENERAL INFORMATION:  
 APPLICANT: Porter, Thomas R.  
 ATTNAME: Iverson, Patrick L.  
 NAME: Meyer, Gary D.  
 TITLE OF INVENTION: Targeted Site Specific Drug Delivery Compositions and Method of Use  
 FILE REFERENCE: 0450-0310.31  
 CURRENT APPLICATION NUMBER: US/09/114,399  
 CURRENT FILING DATE: 1998-07-13  
 PRIORITY APPLICATION NUMBER: US 08/615,495  
 PRIORITY FILING DATE: 1996-03-12  
 NUMBER OF SEQ ID NOS: 4  
 SEQ ID NO 3  
 LENGTH: 6  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: PS-ODN  
 US-09-114-399-3

Query Match Score 6; DB 3; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 |||||  
 Db 1 TTAGGG 6

RESULT 13  
 US-09-608-636A-1  
 Sequence 1, Application US/09608636A  
 Patent No. 6518268  
 GENERAL INFORMATION:  
 APPLICANT: Geron Corporation  
 ATTNAME: Kyowa Hakko Kogyo Co., Ltd.  
 NAME: Chin, Allison C.  
 TELEPHONE: Holcomb, Ryan C.  
 TELEFAX: Piatyszek, Mieczyslaw A.  
 EMAIL: Singh, Upinder  
 FAX: Toliman, Richard L.  
 FAX: Akama, Tsutomo  
 FAX: Kanda, Yutaka  
 FAX: Asai, Akira  
 ATTNAME: Yamashita, Yoshinori  
 NAME: Endo, Keori  
 ATTNAME: Yanaguchi, Hiroaki  
 ATTNAME: File Reference: 055/003  
 TITLE OF INVENTION: Telomerase Inhibitors and Methods of Their Use  
 CURRENT APPLICATION NUMBER: US/09/608,636A  
 CURRENT FILING DATE: 2000-06-30  
 PRIORITY APPLICATION NUMBER: US 60/142,173  
 PRIORITY FILING DATE: 1999-07-10  
 PRIORITY APPLICATION NUMBER: JP 11-187616  
 PRIORITY FILING DATE: 1999-07-01  
 PRIORITY APPLICATION NUMBER: JP 11-307576  
 PRIORITY FILING DATE: 1999-10-28  
 NUMBER OF SEQ ID NOS: 5  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1  
 LENGTH: 6  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: oligonucleotide  
 US-09-608-636A-1

Query Match Similarity 100.0%; Score 6; DB 4; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08; Indels 0;  
 Matches 6; Conservative 0; Mismatches 0; Gaps 0;

Db Db 1 TTAGGG 6

RESULT 15  
 US-09-378-535-27/c  
 ; Sequence 27, Application US/09378535  
 ; Patent No. 6551774  
 ; GENERAL INFORMATION:  
 / APPLICANT: Michael D. West  
 / Calvin B. Harley  
 / Scott L. Weinrich  
 / Catherine M. Strahal  
 / Michael J. McEachern  
 / Jerry Shay  
 / Woodring E. Wright  
 / Elizabeth H. Blackburn  
 / Nam Woo Kim  
 / Homayoun Vaziri  
 / TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 / CONDITIONS RELATED TO  
 / TELOMERE LENGTH AND/OR  
 / TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 ZIP: 90071-2066  
 CURRENT APPLICATION DATA:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ for Windows 2.0  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.  
 REGISTRATION NUMBER: 34,561  
 PRIORITY APPLICATION NUMBER: 08/819,867  
 FILING DATE: 20-Aug-1999  
 CLASSIFICATION: <Unknown>  
 REFERENCE DOCKET NUMBER: 224/232  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 27:  
 US-09-378-535-27

Query Match Similarity 100.0%; Score 6; DB 4; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08; Indels 0;  
 Matches 6; Conservative 0; Mismatches 0; Gaps 0;

Db Db 1 TTAGGG 6

RESULT 16  
 US-09-940-173A-1

Query Match Similarity 100.0%; Score 6; DB 4; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08; Indels 0;  
 Matches 6; Conservative 0; Mismatches 0; Gaps 0;

Db Db 6 TTAGGG 1

```

Sequence 1, Application US/09940173A
; Patent No. 663930
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB-679US2D
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: US/09/940,173A
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 09/730,893
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-940-173A-1

Query Match 100.0% Score 6; DB 4; Length 6;
Best Local Similarity 100.0% Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 17
US-09-730-893-1
; Sequence 1, Application US/09730893
; Patent No. 6689887
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; FILE REFERENCE: UTSB-679USC1
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US/09/730,893
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: 60/073,629
; PRIOR FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-09-730-893-1

Query Match 100.0% Score 6; DB 4; Length 6;
Best Local Similarity 100.0% Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6

```

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)

FEATURE:  
 NAME/KEY: -  
 LOCATION: 1..6  
 OTHER INFORMATION: /note= "human telomeric repeat"  
 US-09-042-460-7

Query Match 100 0%; Score 6; DB 4; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 19  
 PCT-US96-01206-1

SEQUENCE 1, APPLICATION PC/TUS9601206  
 GENERAL INFORMATION:  
 APPLICANT: Iverson, Patrick L.  
 APPLICANT: Mata, John E.  
 TITLE OF INVENTION: Synthetic Oligodeoxymucleotides Which Mimic Telomeric Sequences for Use in the Treatment of Cancer and other Diseases  
 NUMBER OF SEQUENCES: 6  
 TITLE OF INVENTION: Cancer and other Diseases  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Zarley, McKEE, Thomte, Voorhees & Sease  
 STREET: 801 Grand Avenue, Suite 3200  
 CITY: Des Moines  
 STATE: Iowa  
 COUNTRY: United States  
 ZIP: 50309

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-in Release #1.0, version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US96/01206  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/381,097  
 FILING DATE: 21-JAN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Nebel, Heidi S.  
 REGISTRATION NUMBER: 37,719  
 TELEPHONE: 515-288-3667  
 TELEXFAX: 515-288-1338  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US96-01206-1

Query Match 100.0%; Score 6; DB 5; Length 6;

Best Local Similarity 100.0%; Pred. No. 2.3e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 2 TTAGGG 7

RESULT 20  
 US-08-729-598-8

SEQUENCE 8, Application US/08729598  
 Patent No. 6001657  
 GENERAL INFORMATION:  
 APPLICANT: Hardin, Charles C.  
 APPLICANT: Brown II, Bernard A.  
 APPLICANT: Roberts, John J.  
 APPLICANT: Pelisse, Stephen A.  
 TITLE OF INVENTION: Antibodies That Selectively Bind Number of Sequences: 13  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Sorojini J. Biswas  
 STREET: P.O. Box 37428  
 CITY: Raleigh  
 STATE: No. 6001657th Carolina  
 COUNTRY: USA  
 ZIP: 27627

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/729,598  
 FILING DATE: 11-OCT-1996  
 CLASIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Biswas, Sorojini J.  
 REGISTRATION NUMBER: 39,111  
 REFERENCE/DOCKET NUMBER: 5051-301A  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (919) 854-1400  
 TELEXFAX: (919) 854-1401  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 7 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: not relevant  
 MOLECULE TYPE: DNA (genomic)

US-08-729-598-8

Query Match 100.0%; Score 6; DB 3; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 2 TTAGGG 7

RESULT 21  
 US-09-940-173A-6

SEQUENCE 6, Application US/09940173A  
 Patent No. 6623910  
 GENERAL INFORMATION:  
 APPLICANT: KERWIN, SPAN M.  
 APPLICANT: FEDOROFF, OLEG Y.  
 APPLICANT: SALAZAR, MIGUEL Y.  
 APPLICANT: HURLEY, LAURENCE H.  
 TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A G-QUADRUPLEX-INTERACTION COMPOUND  
 FILE REFERENCE: UTSB:679USD2

Query Match

CURRENT APPLICATION NUMBER: US/09/940,173A  
 CURRENT FILING DATE: 2002-05-24  
 PRIOR APPLICATION NUMBER: 09/730,893  
 PRIORITY FILING DATE: 2000-12-05  
 PRIOR APPLICATION NUMBER: 09/244,675  
 PRIORITY FILING DATE: 1999-04-02  
 PRIOR APPLICATION NUMBER: 60/073,629  
 PRIORITY FILING DATE: 1998-04-02  
 NUMBER OF SEQ ID NOS: 12  
 SEQ ID NO: 6  
 LENGTH: 7  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 OTHER INFORMATION: Primer  
 US-09-940-173A-6

Query Match 100.0%; Score 6; DB 4; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 22  
 US-09-730-893-6  
 / Sequence 6, Application US/09730893  
 / Patent No. 6699887  
 / GENERAL INFORMATION:  
 / APPLICANT: KERWIN, SEAN M.  
 / APPLICANT: FEDOROFF, OLEG Y.  
 / APPLICANT: SALAZAR, MIGUEL  
 / APPLICANT: HURLEY, LAURENCE H.  
 / TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
 / G-QUADRUPLEX-INTERACTION COMPOUND  
 / FILE REFERENCE: UTSB:679USCI  
 / CURRENT APPLICATION NUMBER: US/09/730,893  
 / CURRENT FILING DATE: 2000-12-05  
 / PRIOR APPLICATION NUMBER: 09/244,675  
 / PRIOR FILING DATE: 1998-04-02  
 / PRIOR APPLICATION NUMBER: 60/073,629  
 / PRIORITY FILING DATE: 1998-04-02  
 / NUMBER OF SEQ ID NOS: 12  
 / SOFTWARE: PatentIn Ver. 2.1  
 / SEQ ID NO: 6  
 / LENGTH: 7  
 / TYPE: DNA  
 / ORGANISM: Artificial Sequence  
 / OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 / OTHER INFORMATION: Primer  
 US-09-730-893-6

Query Match 100.0%; Score 6; DB 4; Length 7;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 23  
 US-08-838-545-15  
 / Sequence 15, Application US/08838545  
 / Patent No. 6046307  
 / GENERAL INFORMATION:  
 / APPLICANT: Wright, Woodring E.  
 / APPLICANT: Piatszczek, Mieczyslaw A.  
 / APPLICANT: Corey, David R.  
 / APPLICANT: No. 6046307  
 / TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 / Peptide Nucleic Acids  
 / NUMBER OF SEQUENCES: 60  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Townsend and Townsend and Crew LLP  
 / STREET: Two Embarcadero Center, Eighth Floor  
 / CITY: San Francisco  
 / STATE: California  
 / COUNTRY: USA

Query Match 100.0%; Score 6; DB 3; Length 8;  
 Best Local Similarity 100.0%; Pred. No. 2e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 2 TTAGGG 7

RESULT 24  
 US-08-838-545-30/C  
 / Sequence 30, Application US/08838545  
 / Patent No. 6046307  
 / GENERAL INFORMATION:  
 / APPLICANT: Shay, Jerry W.  
 / APPLICANT: Wright, Woodring E.  
 / APPLICANT: Piatszczek, Mieczyslaw A.  
 / APPLICANT: Corey, David R.  
 / APPLICANT: No. 6046307  
 / TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 / Peptide Nucleic Acids  
 / NUMBER OF SEQUENCES: 60  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Townsend and Townsend and Crew LLP  
 / STREET: Two Embarcadero Center, Eighth Floor  
 / CITY: San Francisco  
 / STATE: California  
 / COUNTRY: USA

ZIP: 94111-3834 FILING DATE: 09-APR-1996  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk ATTORNEY/AGENT INFORMATION:  
 COMPUTER: IBM PC compatible NAME: Storella, John R.  
 OPERATING SYSTEM: PC-DOS/MS-DOS REGISTRATION NUMBER: 32, 944  
 SOFTWARE: Patentin Release #1.0, Version #1.30 REFERENCE/DOCKET NUMBER: 015389-001610US  
 CURRENT APPLICATION DATA: TELECOMMUNICATION INFORMATION:  
 APPLICATION NUMBER: US/08/838,545 TELEPHONE: (415) 576-0200  
 FILING DATE: 09-APR-1997 TELEFAX: (415) 576-0300  
 CLASSIFICATION: 536 INFORMATION FOR SEQ ID NO: 34:  
 PRIOR APPLICATION DATA: SEQUENCE CHARACTERISTICS:  
 APPLICATION NUMBER: US 08/630, 019 LENGTH: 8 base pairs  
 FILING DATE: 09-APR-1996 TYPE: nucleic acid  
 ATTORNEY/AGENT INFORMATION: STRANDEDNESS: single  
 NAME: Storella, John R. TOPOLOGY: linear  
 REGISTRATION NUMBER: 32, 944 MOLECULE TYPE: other nucleic acid  
 REFERENCE/DOCKET NUMBER: 015389-001610US DESCRIPTOR: /desc = "peptide nucleic acid (PNA)",  
 TELECOMMUNICATION INFORMATION: where (deoxy)ribose-phosphate linkages are replaced by  
 TELEPHONE: (415) 576-0200 N-(2-aminoethyl) glycine units linked to nucleotide bases via  
 TELEFAX: (415) 576-0300 glycine amino N through a methylenecarbonyl linker"  
 INFORMATION FOR SEQ ID NO: 30:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTOR: /desc = "peptide nucleic acid (PNA)",  
 where (deoxy)ribose-phosphate linkages are replaced by  
 DESCRIPTION: N-(2-aminoethyl) glycine units linked to nucleotide bases via  
 DESCRIPTION: glycine amino N through a methylenecarbonyl linker"  
 US-08-838-545-30

Query Match	Score	DB	Length	Best Local Similarity	DB	Length	Other INFORMATION:
QY	1 TTAGGG	6	8	100.0%	6	3	Score 6; DB 3; Length 8;
	7	Db	2	100.0%	0	0	Best Local Similarity 100.0%; Pred. No. 2e+08; Mismatches 0; Indels 0; Gaps 0;
Matches	6	Conservative	0	Mismatches	6	0	Other INFORMATION:保守性匹配 100.0%; 预测数 2e+08; 错配 0; 插入/删除 0; 缺口 0;

US-08-838-545-34 RESULT 25  
 Sequence 34, Application US/08838545  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Platysek, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6046307on, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
 TITLE OF INVENTION: Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834

US-09-349-532-15 RESULT 26  
 Sequence 15, Application US/09349532  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Platysek, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6294650on, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
 TITLE OF INVENTION: Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/838,545  
 FILING DATE: 09-APR-1997  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/630, 019  
 APPLICATION NUMBER: US 08/838, 545  
 FILING DATE:  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/838, 545

FILING DATE: 09-APR-1997  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 15:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "peptide nucleic acid (PNA)",  
 DESCRIPTION: where (deoxyribose-phosphate linkages are replaced by  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 N-(2-aminoethyl)glycine amino N through a methylenecarbonyl linker"  
 US-09-349-532-15

Query Match 100.0%; Score 6; DB 3; Length 8;  
 Best Local Similarity 100.0%; Pred. No. 2e+08; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTAGGG 6  
 Db 2 TTAGGG 7

**RESULT 27**  
 US-09-349-532-30/C  
 Sequence 30, Application US/09349532  
 Patent No. 6294650

GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatyszek, Mleczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6294650ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/349,532  
 FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 34:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 /desc = "peptide nucleic acid (PNA)",  
 DESCRIPTION: where (deoxyribose-phosphate linkages are replaced by  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via

DESCRIPTION: glycine amino N through a methylenecarbonyl linker"

FEATURE: modified\_base  
 NAME/KEY: modified\_base  
 LOCATION: 1 /mod\_base= OTHER  
 OTHER INFORMATION: /note\_= "N = 1-50 peptide nucleic acid nucleobases, selected f  
 OTHER INFORMATION: U, T, A, G, i or C"  
 FEATURE: modified\_base  
 NAME/KEY: modified\_base  
 LOCATION: 8 /mod\_base= OTHER  
 OTHER INFORMATION: /note\_= "N = 1-50 peptide nucleic acid nucleobases, selected f  
 OTHER INFORMATION: U, T, A, G, i or C"  
 OTHER INFORMATION: US-09-349-532-34

Query Match 100.0%; Score 6; DB 3; Length 8;

Best Local Similarity 100.0%; Pred. No. 2e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 2 TTAGGG 6

Qy 1 TTAGGG 6

RESULT 29  
 US-09-940-173A-4

/ Sequence 4, Application US/09940173A

; Patent No. 6623930

; GENERAL INFORMATION:

; APPLICANT: KERWIN, SEAN M.

; APPLICANT: FEDOROFF, OLEG Y.

; APPLICANT: SALAZAR, MIGUEL

; APPLICANT: HURLEY, LAURENCE H.

; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

; FILE REFERENCE: UTSB:679US02

; CURRENT APPLICATION NUMBER: US/09/940,173A

; CURRENT FILING DATE: 2002-06-24

; PRIOR APPLICATION NUMBER: 09/734,893

; PRIOR FILING DATE: 2000-12-05

; PRIOR APPLICATION NUMBER: 09/244,675

; PRIOR FILING DATE: 1999-04-02

; PRIOR APPLICATION NUMBER: 60/073,629

; PRIOR FILING DATE: 1998-04-02

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 4

; LENGTH: 8

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: Primer

US-09-940-173A-4

Query Match 100.0%; Score 6; DB 4; Length 8;

Best Local Similarity 100.0%; Pred. No. 2e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTAGGG 6

Qy 1 TTAGGG 6

RESULT 29  
 US-09-940-173A-4

/ Sequence 4, Application US/09940173A

; Patent No. 6623930

; GENERAL INFORMATION:

; APPLICANT: KERWIN, SEAN M.

; APPLICANT: FEDOROFF, OLEG Y.

; APPLICANT: SALAZAR, MIGUEL

; APPLICANT: HURLEY, LAURENCE H.

; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

; FILE REFERENCE: UTSB:679US02

; CURRENT APPLICATION NUMBER: US/09/940,173A

; CURRENT FILING DATE: May 13, 1999

; PRIOR APPLICATION NUMBER: 08/151,477

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 4

; LENGTH: 8

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: Primer

US-09-940-173A-4

Query Match 100.0%; Score 6; DB 4; Length 8;

Best Local Similarity 100.0%; Pred. No. 2e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTAGGG 6

Qy 1 TTAGGG 6

RESULT 30  
 US-09-730-893-4

/ Sequence No. 6689887

; GENERAL INFORMATION:

; APPLICANT: KERWIN, SEAN M.

; APPLICANT: FEDOROFF, OLEG Y.

; APPLICANT: SALAZAR, MIGUEL

; APPLICANT: HURLEY, LAURENCE H.

; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND

; FILE REFERENCE: UTSB:679US02

; CURRENT APPLICATION NUMBER: US/09/730,893

; CURRENT FILING DATE: 2000-12-05

; PRIOR APPLICATION NUMBER: 09/244,675

; PRIOR FILING DATE: 1999-04-02

; PRIOR APPLICATION NUMBER: 60/073,629

; PRIOR FILING DATE: 1998-04-02

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 4

; LENGTH: 8

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

; OTHER INFORMATION: Primer

US-09-730-893-4

Query Match 100.0%; Score 6; DB 4; Length 8;

Best Local Similarity 100.0%; Pred. No. 2e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTAGGG 6

Qy 1 TTAGGG 6

RESULT 31  
 US-09-730-893-4

/ Sequence 3, Application US/08337684

; GENERAL INFORMATION:

; APPLICANT: West, Michael David

; APPLICANT: Shay, Jerry

; APPLICANT: Wright, Woodring B.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR

; TITLE OF INVENTION: MEASURING TELOMERES

; NUMBER OF SEQ ID NOS: 8

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; ZIP: California

; COUNTRY: U.S.A.

; ZIPP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; SOFTWARE: void Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: 08/153,051

; FILING DATE: May 13, 1993

; PRIOR APPLICATION NUMBER: 08/151,477

; FILING DATE: No. 5686306Member 12, 1993

; APPLICATION NUMBER: 08/153,051

; FILING DATE: No. 5686306Member 12, 1993

; APPLICATION NUMBER: 08/153,051

; FILING DATE: March 24, 1993

; APPLICATION NUMBER: 07/882,438

; FILING DATE: May 13, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 210/085

; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
 ; FILE REFERENCE: UTSB:679US02  
 ; CURRENT APPLICATION NUMBER: US/09/730,893  
 ; CURRENT FILING DATE: 2000-12-05  
 ; PRIOR APPLICATION NUMBER: 09/244,675  
 ; PRIOR FILING DATE: 1999-04-02  
 ; PRIOR APPLICATION NUMBER: 60/073,629  
 ; PRIOR FILING DATE: 1998-04-02  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: Patentin Ver. 2.1  
 ; SEQ ID NO 4  
 ; LENGTH: 8  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: Primer

Query Match 100.0%; Score 6; DB 4; Length 8;

Best Local Similarity 100.0%; Pred. No. 2e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTAGGG 6

Qy 1 TTAGGG 6

RESULT 31  
 US-09-730-893-4

/ Sequence 3, Application US/08337684

; GENERAL INFORMATION:

; APPLICANT: West, Michael David

; APPLICANT: Shay, Jerry

; APPLICANT: Wright, Woodring B.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR

; TITLE OF INVENTION: MEASURING TELOMERES

; NUMBER OF SEQ ID NOS: 8

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; ZIP: California

; COUNTRY: U.S.A.

; ZIPP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; SOFTWARE: void Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: 08/153,051

; FILING DATE: May 13, 1993

; PRIOR APPLICATION NUMBER: 08/151,477

; FILING DATE: No. 5686306Member 12, 1993

; APPLICATION NUMBER: 08/153,051

; FILING DATE: March 24, 1993

; APPLICATION NUMBER: 07/882,438

; FILING DATE: May 13, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 210/085

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 459-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-337-684-3

RESULT 33  
 US-09-069-434-14  
 Query Match 100.0%; Score 6; DB 1; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.8e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 |||||  
 1 TTAGGG 6

Db 1 TTAGGG 6

RESULT 32  
 US-08-630-019A-27  
 Sequence 27, Application US/08630019A  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatryszeck, Mieczyslaw A.  
 APPLICANT: Corey, David  
 APPLICANT: No. 6015710ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 TITLE OF INVENTION: Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 46  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/630,019A  
 FILING DATE: 09-JUN-1996  
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:  
 NAME: Stoerle, John R.  
 REGISTRATION NUMBER: 32,944  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid (DNA),  
 DESCRIPTION: /desc = "peptide nucleic acid (PNA),  
 where (deoxyribose-phosphate linkages are replaced by  
 N-(2-aminoethyl)glycine units linked to nucleotide bases via  
 glycine amino nitrogen through a methylene carbonyl linker"

US-08-630-019A-27

Query Match 100.0%; Score 6; DB 3; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.8e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 4 TTAGGG 9

RESULT 34  
 US-08-838-545-16  
 Sequence 16, Application US/08838545  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatryszeck, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6046307ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 Peptide Nucleic Acids

US-08-838-545-16  
 Sequence 16, Application US/08838545  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatryszeck, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6046307ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
 Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/838,545  
 FILING DATE: 09-APR-1996  
 CLASSIFICATION: 536  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/630,019  
 FILING DATE: 09-APR-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Storella, John R.  
 REGISTRATION NUMBER: 32,944  
 REFERENCE/DOCKET NUMBER: 015389-001610US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 9 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 DESCRIPTION: /desc = "peptide nucleic acid (PNA), where (deoxy)ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"  
 US-08-838-545-16

RESULT 35  
 Query Match Score 6; DB 3; Length 9;  
 Best Local Similarity 100.0%; Pred. No. 1.8e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 3 TTAGGG 8

RESULT 36  
 Sequence 16, Application US/09349532  
 Patent No. 6284650  
 GENERAL INFORMATION:  
 APPLICANT: Shay, Jerry W.  
 APPLICANT: Wright, Woodring E.  
 APPLICANT: Piatyszek, Mieczyslaw A.  
 APPLICANT: Corey, David R.  
 APPLICANT: No. 6294650ton, James C.  
 TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, Eighth Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94111-3834  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/192,300  
 FILING DATE: February 3, 1994  
 CLASSIFICATION: 535  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Denise L. Mayfield  
 REGISTRATION NUMBER: 33,732  
 REFERENCE/DOCKET NUMBER: UTSD:3:27  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (512) 320-7200  
 TELEFAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:  
LENGTH: 10 base pairs  
TYPE: Nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Oligonucleotide  
US-08-192-300-18

Query Match 1 TTAGGG 6 Score 6; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 8.8e+04;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 5 TTAGGG 10

---

RESULT 37  
US-08-531-743-10  
Sequence 10, Application US/08531743  
Patent No. 5856096

GENERAL INFORMATION:  
APPLICANT: Windle, Bradford E.  
APPLICANT: Qiu, Ming  
APPLICANT: Chen, Shi fong  
APPLICANT: Fletcher, Terce M.  
APPLICANT: Maine, Ira

TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and Distinguishing Between Processive and Non-Processive Telomerase Activities

TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,743  
FILING DATE: 20-SEP-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Highlander, Steven L.  
REGISTRATION NUMBER: 37,642  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: Single  
TOPOLOGY: linear

Query Match 1 TTAGGG 6 Score 6; DB 2; Length 10;  
Best Local Similarity 100.0%; Pred. No. 8.8e+04;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 TTAGGG 6

---

RESULT 39  
US-08-838-545-7  
Sequence 7, Application US/08838545

GENERAL INFORMATION:  
APPLICANT: Shay, Jerry W.  
APPLICANT: Wright, Woodring E.  
APPLICANT: Piatszak, Mieczyslaw A.  
APPLICANT: Corey, David R.  
APPLICANT: No. 60463070, James C.

TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor

RESULT 38

CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIA TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US 08/838,545  
FILING DATE: 09-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/630,019  
FILING DATE: 09-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-001610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SBO ID NO: 7:  
CONFIDENTIAL COMMERCIAL

**SEQUENCE CHARACTERISTICS:**  
 LENGTH: 10 base pairs  
**TYPE:** nucleic acid  
**STRANDEDNESS:** single  
**TOPOLOGY:** linear  
**MOLECULE TYPE:** other nucleic acid  
**DESCRIPTION:** /desc = "peptide nucleic acid (PNA)"  
**DESCRIPTION:** where (deoxy)ribose-phosphate linkages are replaced by  
**DESCRIPTION:** N-(2-aminooethyl) glycine units linked to nucleobases via  
**DESCRIPTION:** a methylenecarbonyl linker"

RESULT 40  
3-08-838-545-11/C  
1 TTAGGG 6

Sequence 11 Application US 0883895  
Patent No. 6046307  
GENERAL INFORMATION:  
APPLICANT: Shay, Jerry W.  
APPLICANT: Wright, Woodring B.  
APPLICANT: Platszak, Mieczyslaw A.  
APPLICANT: Corey, David R.  
APPLICANT: NO. 6046307on, James C.  
TITLE OF INVENTION: Modulation of Mammalian Telomerase by Peptide Nucleic Acids  
NUMBER OF SEQUENCES: 60  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP

**STREET:** Two Embarcadero Center, Eighth Floor  
**CITY:** San Francisco  
**STATE:** California

COUNTY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/838,545  
PTIING DATR: 09-APR-1997

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CLASSIFICATION: 536
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY / AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SRO ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..10
; OTHER INFORMATION: /note= "template regi...
; OTHER INFORMATION: component of human te...
US-08-938-545-11

Query Match          100.0% Score 6; DB 7
Best Local Similarity 100.0% Pred. No. 8.8
Matches 6; Conservative 0; Mismatches
Qy      1 TTAGGG 6
Db      10 TTAGGG 5

```

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RESULT 1  
US-09-817-387-29  
Sequence 29, Application US/09817387  
; Patent No. US2001039233A1  
; GENERAL INFORMATION:  
; APPLICANT: Max-Delbrück-Centrum für Molekulare Medizin  
; TITLE OF INVENTION: Chimeric Oligonucleotides and the Use Thereof  
; FILE REFERENCE: 10119-24  
; CURRENT APPLICATION NUMBER: US/09/817,387  
; CURRENT FILING DATE: 2001-03-26  
; PRIOR APPLICATION NUMBER: DE 197 20 151.2  
; PRIOR FILING DATE: 1997-05-02  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 29  
LENGTH: 6  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: telomeric  
; OTHER INFORMATION: DNA of man  
US-09-817-387-29

Query Match 100.0%; Score 6; DB 9; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

Qy 1 TTAGGG 6  
Db 1 TTAGGG 6

RESULT 2  
US-09-735-363A-49  
Sequence 49, Application US/09735363A1  
; Patent No. US20010041681A1  
; GENERAL INFORMATION:  
; APPLICANT: Fillion, Mario  
; APPLICANT: Phillip, Nigel  
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides  
; FILE REFERENCE: 02811-0181  
; CURRENT APPLICATION NUMBER: US/09/735,363A  
; CURRENT FILING DATE:  
; PRIOR APPLICATION NUMBER: 0000-12-12  
; PRIOR FILING DATE:  
; PRIOR APPLICATION NUMBER: 60/170,325  
; PRIOR FILING DATE: 1999-12-13  
; PRIOR APPLICATION NUMBER: 60/2228,925  
; PRIOR FILING DATE: 2000-08-29  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn version 3.0  
; LENGTH: 6  
; TYPE: DNA  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

SEQ ID NO 1  
LENGTH: 6  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Primer

US-09-730-893-1  
Sequence 1, Application US/09730893  
; Patent No. US20020107258A1  
; GENERAL INFORMATION:  
; APPLICANT: KERWIN, SEAN M.  
; APPLICANT: FEDOROFF, OLEG Y.  
; APPLICANT: SALAZAR, MIGUEL  
; APPLICANT: HURLEY, LAURENCE H.  
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: US/679USC1  
; CURRENT APPLICATION NUMBER: US/09/730,893  
; CURRENT FILING DATE: 2000-12-05  
; PRIOR APPLICATION NUMBER: 09/244,675  
; PRIOR FILING DATE: 1999-04-02  
; PRIOR APPLICATION NUMBER: 60/073,629  
; PRIOR FILING DATE: 1998-04-02  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 6  
; TYPE: DNA  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-730-893-1  
Sequence 1, Application US/09730893  
; Patent No. US/679USC1  
; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: US/679USC1  
; CURRENT APPLICATION NUMBER: US/09/730,893  
; CURRENT FILING DATE: 2000-12-05  
; PRIOR APPLICATION NUMBER: 09/244,675  
; PRIOR FILING DATE: 1999-04-02  
; PRIOR APPLICATION NUMBER: 60/073,629  
; PRIOR FILING DATE: 1998-04-02  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 6  
; TYPE: DNA  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

Query Match Similarity 100.0%; Score 6; DB 9; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 5  
 US-09-940-173A-1  
 ; Sequence 1, Application US/09940173A  
 ; Publication No. US20030040525A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KERWIN, SEAN M.  
 ; APPLICANT: FEDOROFF, OLEG Y.  
 ; APPLICANT: SALAZAR, MIGUEL  
 ; APPLICANT: HURLY, LAURENCE H.  
 ; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
 ; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
 ; FILE REFERENCE: UTISB 679USP2  
 ; CURRENT APPLICATION NUMBER: US/09/940,173A  
 ; CURRENT FILING DATE: 2002-06-24  
 ; PRIOR FILING DATE: 09/730,893  
 ; PRIOR APPLICATION NUMBER: 2000-12-05  
 ; PRIOR FILING DATE: 1999-04-02  
 ; PRIOR APPLICATION NUMBER: 60/073,629  
 ; NUMBER OF SEQ ID NOS: 12  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 1  
 ; LENGTH: 6  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; OTHER INFORMATION: Primer  
 ; US-09-940-173A-1

Query Match Similarity 100.0%; Score 6; DB 10; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 6  
 US-10-122-630-11  
 ; Sequence 11, Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; TITLE OF INVENTION: Oligonucleotides  
 ; FILE REFERENCE: 0054.1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: 0054.1088-018  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/048,927  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 12  
 ; LENGTH: 6  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment  
 ; US-10-122-630-11

Query Match Similarity 100.0%; Score 6; DB 14; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 7  
 US-10-122-630-12/c  
 ; Sequence 12, Application US/10122630  
 ; Publication No. US20030032610A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; TITLE OF INVENTION: Oligonucleotides  
 ; FILE REFERENCE: 0054.1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,630  
 ; CURRENT FILING DATE: 2002-04-12  
 ; PRIOR APPLICATION NUMBER: US 08/467,012  
 ; PRIOR FILING DATE: 1995-06-06  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: 0054.1088-018  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 12  
 ; LENGTH: 6  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment  
 ; US-10-122-630-12

Query Match Similarity 100.0%; Score 6; DB 14; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 8  
 US-10-122-633-11  
 ; Sequence 11, Application US/10122633  
 ; Publication No. US20030032611A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gilchrest, Barbara A.  
 ; APPLICANT: Eller, Mark S.  
 ; APPLICANT: Yaar, Mina  
 ; TITLE OF INVENTION: Method to Inhibit Cell Growth Using  
 ; TITLE OF INVENTION: Oligonucleotides  
 ; FILE REFERENCE: 0054.1088-018  
 ; CURRENT APPLICATION NUMBER: US/10/122,633  
 ; CURRENT FILING DATE: 1995-06-06  
 ; PRIOR FILING DATE: 2000-03-31  
 ; PRIOR APPLICATION NUMBER: PCT/US96/08386  
 ; PRIOR FILING DATE: 1996-06-03  
 ; PRIOR APPLICATION NUMBER: US 09/540,843  
 ; PRIOR FILING DATE: 2000-03-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/10162  
 ; PRIOR FILING DATE: 2001-03-30  
 ; NUMBER OF SEQ ID NOS: 15  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 12  
 ; LENGTH: 6  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic DNA Fragment  
 ; US-10-122-633-11

Query Match Similarity 100.0%; Score 6; DB 14; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIORITY FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIORITY FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 11
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-11

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 9
US-10-122-633-12/C
; Sequence 12, Application US/10122633
; Publication No. US2003032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; ATTORNEY OR AGENT NAME: Geron Corporation
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054-1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIORITY FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 12
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-12

Query Match 100.0%; Score 6; DB 14; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 6 TTAGGG 1

RESULT 10
US-10-255-535-8
; Sequence 8, Application US/1025535
; Publication No. US20000138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; ATTORNEY OR AGENT NAME: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIORITY FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 8
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-255-535-8

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 11
US-10-336-265-1
; Sequence 1, Application US/10336265
; Publication No. US2003014898A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; ATTORNEY OR AGENT NAME: Geron Corporation
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 1
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-1

Query Match 100.0%; Score 6; DB 15; Length 6;
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TTAGGG 6
Db 1 TTAGGG 6

RESULT 12
US-10-336-265-3/C
; Sequence 3, Application US/10336265
; Publication No. US2003014898A1
; GENERAL INFORMATION:
; APPLICANT: Kool, Eric T.
; ATTORNEY OR AGENT NAME: Geron Corporation
; TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for
; the Elongation of Telomere Repeats
; FILE REFERENCE: 12665.0021.NPUS01
; CURRENT APPLICATION NUMBER: US/10/336,265
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: US 60/345,056
; PRIOR FILING DATE: 2002-01-04
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 3
; LENGTH: 6
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-336-265-3/C

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US-10-336-265-3  
 Query Match Score 6; DB 15; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 SEQ ID NO 4

RESULT 13  
 US-10-336-265-4/c  
 Sequence 4, Application US/10336265  
 Publication No. US2003014898A1  
 GENERAL INFORMATION:  
 APPLICANT: Kool, Eric T.  
 TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for  
 the Elongation of Telomere Repeats  
 CURRENT APPLICATION NUMBER: US/10/336,265  
 FILE REFERENCE: 12665\_0021\_NPUS01  
 CURRENT FILING DATE: 2003-01-03  
 PRIOR APPLICATION NUMBER: US 60/345,056  
 PRIORITY FILING DATE: 2002-01-04  
 NUMBER OF SEQ ID NOS: 64  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 64

Query Match Score 6; DB 15; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 14  
 US-10-336-265-63  
 Sequence 63, Application US/10336265  
 Publication No. US2003014898A1  
 GENERAL INFORMATION:  
 APPLICANT: Kool, Eric T.  
 TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for  
 the Elongation of Telomere Repeats  
 CURRENT APPLICATION NUMBER: US/10/336,265  
 FILE REFERENCE: 12665\_0021\_NPUS01  
 CURRENT FILING DATE: 2003-01-03  
 PRIOR APPLICATION NUMBER: US 60/345,056  
 PRIORITY FILING DATE: 2002-01-04  
 NUMBER OF SEQ ID NOS: 64  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO 63

Query Match Score 6; DB 15; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 15  
 US-10-336-265-64  
 Sequence 9, Application US/10232927A  
 Publication No. US2003019063A1  
 GENERAL INFORMATION:  
 APPLICANT: Michael D. West  
 CALVIN B. HARLEY  
 SCOTT L. WEINLICH  
 CATHERINE M. STRAHL  
 MICHAEL J. MEECHERN  
 JERRY SHAY  
 WOODRING E. WRIGHT  
 ELIZABETH H. BLACKBURN  
 NAM WOO KIM  
 HOMAYOUN VAZIRI  
 TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF  
 CONDITIONS RELATED TO  
 TELOMERASE ACTIVITY  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 SUITE 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 STORAGE  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: FastSEQ For Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/232,927A  
 FILING DATE: 29-Aug-2002  
 CLASSIFICATION: <Unknown>  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US/09/378,535  
 FILING DATE: 20-Aug-1999  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
 US-10-232-927A-9

Query Match 100.0%; Score 6; DB 16; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;  
 Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 17  
 US-10-232-927A-27/c  
 Sequence 27, Application US/10232927A  
 Publication No. US20030190638A1  
 GENERAL INFORMATION:  
 APPLICANT: Michael D. West  
 Calvin B. Harley  
 Scott L. Weinrich  
 Catherine M. Strahl  
 Michael J. McEachern  
 Jerry Shay  
 Woodring E. Wright  
 Elizabeth H. Blackburn  
 Nam Woo Kim  
 Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
 CONDITIONS RELATED TO  
 TEOLOMERE LENGTH AND/OR  
 TEOLOMerase ACTIVITY

NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3 1/2" Diskette, 1.44 Mb  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: PASEQ for Windows 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/232,927A  
 FILING DATE: 29-Aug-2002  
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/09/378,535  
 FILING DATE: 20-Aug-1999  
 APPLICATION NUMBER: 08/819,867  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561  
 REFERENCE/DOCKET NUMBER: 224/232  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 27:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 27:  
 US-10-232-927A-27

Query Match 100.0%; Score 6; DB 16; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;  
 Qy 1 TTAGGG 6  
 Db 6 TTAGGG 1

RESULT 18  
 US-10-382-754B-3  
 Sequence 3, Application US/10382754B  
 Publication No. US20040000933A1  
 GENERAL INFORMATION:  
 APPLICANT: Glen Research Corp. and Berry & Associates, Inc.  
 TITLE OF INVENTION: Fluorescent Nitrogenous Base and Nucleosides Incorporating Same  
 FILE REFERENCE: 005416.00008  
 CURRENT APPLICATION NUMBER: US/10/382,754B  
 PRIORITY APPLICATION NUMBER: 60/362,448  
 PRIOR FILING DATE: 2003-03-06  
 NUMBER OF SEQ ID NOS: 10  
 SOFTWARE: PatentIn version 3.2  
 SEQ ID NO: 3  
 LENGTH: 6  
 TYPE: DNA  
 ORGANISM: Homo sapiens

Query Match 100.0%; Score 6; DB 16; Length 6;  
 Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
 Matches 6; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;  
 Qy 1 TTAGGG 6  
 Db 1 TTAGGG 6

RESULT 19  
 US-10-382-754B-3  
 Sequence 3, Application US/10382754B  
 Publication No. US20040000933A1  
 GENERAL INFORMATION:  
 APPLICANT: Porter, Thomas R.  
 TITLE OF INVENTION: Microbubble compositions and methods for oligonucleotide delivery  
 FILE REFERENCE: 50450-83/02.US02  
 CURRENT APPLICATION NUMBER: US/10/355,388  
 CURRENT FILING DATE: 2003-01-31  
 PRIORITY APPLICATION NUMBER: US 09/591,380  
 PRIOR FILING DATE: 2000-06-09  
 PRIORITY APPLICATION NUMBER: US 09/118,168  
 PRIOR FILING DATE: 1998-07-17  
 PRIORITY APPLICATION NUMBER: US 08/670,999  
 PRIORITY FILING DATE: 1996-06-28  
 NUMBER OF SEQ ID NOS: 6  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO: 3  
 LENGTH: 6  
 TYPE: DNA  
 ORGANISM: Artificial  
 FEATURE:

OTHER INFORMATION: human telomere sequence  
US-10-355-368-3

Query Match Score 6; DB 17; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
Db 1 TTAGGG 6

RESULT 20  
US-10-181-823-13  
; Sequence 13, Application US/10181823  
; Publication No. US20040126752A1  
; GENERAL INFORMATION:  
; APPLICANT: Geron Corporation  
; APPLICANT: Gryaznov, Sergei  
; APPLICANT: Schulte, Ronald G  
; TITLE OF INVENTION: 2'-Arabinof-Fluoroligonucleotide N3'-->P5' Phosphoramidates: The  
; TITLE OR INVENTION: Synthesis and Use  
; FILE REFERENCE: 049/002  
; CURRENT APPLICATION NUMBER: US/10/181,823  
; CURRENT FILING DATE: 2003-12-29  
; PRIOR APPLICATION NUMBER: PCT/US01/01918  
; PRIOR FILING DATE: 2001-01-19  
; NUMBER OF SEQ ID NOS: 23  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 6  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-181-823-13

Query Match Score 6; DB 18; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
Db 1 TTAGGG 6

RESULT 21  
US-10-705-531-15  
; Sequence 15, Application US/10705531  
; Publication No. US20040142357A1  
; GENERAL INFORMATION:  
; APPLICANT: Beth Israel Deaconess Medical Center  
; TITLE OF INVENTION: Novel Telomerase Inhibitors And Uses Therefor  
; FILE REFERENCE: 2312/2008  
; CURRENT APPLICATION NUMBER: US/10/705,531  
; CURRENT FILING DATE: 2003-11-10  
; PRIOR APPLICATION NUMBER: US 60/290,363  
; PRIOR FILING DATE: 2001-05-11  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 15  
; LENGTH: 6  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic sequence  
; FEATURE:  
; NAMR/KEY: misc\_feature  
; LOCATION: (1)..(6)  
; OTHER INFORMATION: Synthetic sequence  
US-10-705-531-15

Query Match Score 6; DB 18; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 24  
US-10-775-818-1  
Sequence 1, Application US/1075818  
Publication No. US20040229894A1  
GENERAL INFORMATION:  
APPLICANT: KERWIN, SEAN M.  
APPLICANT: FEDOROFF, OLEG Y.  
APPLICANT: SALAZAR, MIGUEL  
APPLICANT: HUBLEY, LAURENCE H.  
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A G-QUADRUPLEX-INTERACTION COMPOUND  
FILE REFERENCE: UTSB:679USC2  
CURRENT APPLICATION NUMBER: US/10/775,818  
CURRENT FILING DATE: 2004-02-10  
PRIOR APPLICATION NUMBER: 09/730,893  
PRIOR FILING DATE: 2000-12-05  
PRIOR APPLICATION NUMBER: 09/244,675  
PRIOR FILING DATE: 1999-04-02  
PRIOR APPLICATION NUMBER: 60/073,629  
PRIOR FILING DATE: 1998-04-02  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 1  
LENGTH: 6  
TYPE: DNA  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: Primer  
US-10-775-818-1

Query Match Score 6; DB 18; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
Db 1 TTAGGG 6

RESULT 25  
US-10-862-698-7  
Sequence 7, Application US/10862698  
Publication No. US20040253701A1  
GENERAL INFORMATION:  
APPLICANT: Morin, Gregg B.  
Allsopp, Richard  
Depinhoo, Ronald  
Greenberg, Roger  
TITLE OF INVENTION: Mouse Telomerase Reverse Transcriptase  
NUMBER OF SEQUENCES: 101  
CORRESPONDENCE ADDRESS:  
STREET: Two Townsend and Crew LLP  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/862,698  
PILING DATE: 07-Jun-2004  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/042,460  
FILING DATE: 16-MAR-1998  
APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
APPLICATION NUMBER: US 08/974,549  
FILING DATE: 19-NOV-1997  
APPLICATION NUMBER: US 08/974,584  
FILING DATE: 19-NOV-1997  
APPLICATION NUMBER: US 08/979,742  
FILING DATE: 26-NOV-1997

ATTORNEY/AGENT INFORMATION:  
NAME: Einhorn, Gregory P.  
REGISTRATION NUMBER: 38,440  
REFERENCE/DOCKET NUMBER: 015389-003110US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 6 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..6  
OTHER INFORMATION: SEQ ID NO: 7:  
US-10-862-698-7

Query Match Score 6; DB 18; Length 6;  
Best Local Similarity 100.0%; Pred. No. 9.6e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
Db 1 TTAGGG 6

RESULT 26  
US-09-730-893-6  
Sequence 6, Application US/09730893  
Patent No. US20020107258A1  
GENERAL INFORMATION:  
APPLICANT: KERWIN, SEAN M.  
APPLICANT: FEDOROFF, OLEG Y.  
APPLICANT: SALAZAR, MIGUEL  
APPLICANT: HUBLEY, LAURENCE H.  
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A G-QUADRUPLEX-INTERACTION COMPOUND  
FILE REFERENCE: UTSB:79USC1  
CURRENT APPLICATION NUMBER: US/09/730,893  
CURRENT FILING DATE: 2000-12-05  
PRIOR APPLICATION NUMBER: 09/244,675  
PRIOR FILING DATE: 1999-04-02  
PRIOR APPLICATION NUMBER: 60/073,629  
PRIOR FILING DATE: 1998-04-02

NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 7  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-09-730-893-6

Query Match 100.0%; Score 6; DB 9; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.3e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-10-775-818-6

RESULT 27  
US-09-940-173A-6  
; Sequence 6, Application US/09940173A  
; Publication No. US2003040525A1  
; GENERAL INFORMATION:  
; APPLICANT: KERWIN, SEAN M.  
; APPLICANT: FEDOROFF, OLEG Y.  
; APPLICANT: SALAZAR, MIGUEL  
; APPLICANT: HURLEY, LAURENCE H.  
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: UTSB-679USC2  
; CURRENT APPLICATION NUMBER: US/09/940,173A  
; CURRENT FILING DATE: 2002-06-14  
; PRIOR APPLICATION NUMBER: 09/730,893  
; PRIOR FILING DATE: 2000-12-05  
; PRIOR APPLICATION NUMBER: 09/244,675  
; PRIOR FILING DATE: 1999-04-02  
; PRIOR APPLICATION NUMBER: 60/073,629  
; PRIOR FILING DATE: 1998-04-02  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; LENGTH: 7  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-09-940-173A-6

Query Match 100.0%; Score 6; DB 10; Length 7;  
Best Local Similarity 100.0%; Pred. No. 8.3e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-09-730-893-6

RESULT 28  
US-10-775-818-6  
; Sequence 6, Application US/10775818  
; GENERAL INFORMATION:  
; APPLICANT: KERWIN, SEAN M.  
; APPLICANT: FEDOROFF, OLEG Y.  
; APPLICANT: SALAZAR, MIGUEL  
; APPLICANT: HURLEY, LAURENCE H.  
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: UTSB-679USC2  
; CURRENT APPLICATION NUMBER: US/10/775,818

RESULT 29  
US-09-730-893-4  
; Sequence 4, Application US/09730893  
; Patent No. US20020107258A1  
; GENERAL INFORMATION:  
; APPLICANT: KERWIN, SEAN M.  
; APPLICANT: FEDOROFF, OLEG Y.  
; APPLICANT: SALAZAR, MIGUEL  
; APPLICANT: HURLEY, LAURENCE H.  
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: UTSB-679USC1  
; CURRENT APPLICATION NUMBER: US/09/730,893  
; CURRENT FILING DATE: 2000-12-05  
; PRIOR APPLICATION NUMBER: 09/244,675  
; PRIOR FILING DATE: 1999-04-02  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; LENGTH: 8  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
US-09-730-893-4

Query Match 100.0%; Score 6; DB 9; Length 8;  
Best Local Similarity 100.0%; Pred. No. 7.2e+08;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 30  
US-09-940-173A-4  
; Sequence 4, Application US/09940173A  
; Publication No. US2003040525A1  
; GENERAL INFORMATION:  
; APPLICANT: KERWIN, SEAN M.  
; APPLICANT: FEDOROFF, OLEG Y.  
; APPLICANT: SALAZAR, MIGUEL  
; APPLICANT: HURLEY, LAURENCE H.  
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A  
; TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND  
; FILE REFERENCE: UTSB-679USC2  
; CURRENT APPLICATION NUMBER: US/10/775,818

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; FILE REFERENCE: USTB:679USC2
; CURRENT APPLICATION NUMBER: US/10/775,818
; CURRENT FILING DATE: 2004-02-10
; PRIORITY APPLICATION NUMBER: 09/730,893
; PRIORITY FILING DATE: 2000-12-05
; PRIORITY APPLICATION NUMBER: 09/244,675
; PRIORITY FILING DATE: 1999-04-02
; PRIORITY APPLICATION NUMBER: 60/073,629
; PRIORITY FILING DATE: 1998-04-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 4
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: OTHER INFORMATION: Description of Artificial sequence: Synthetic
; OTHER INFORMATION: Primer
; OTHER INFORMATION: US-10-775-818-4

Query Match          100.0%; Score 6; DB 18; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      1 TTAGGG 6

RESULT 33
US-09-728-574-19/c
; Sequence 19, Application US/09728574
; Patent No. US20040137036A1
; GENERAL INFORMATION:
; APPLICANT: Stratagene
; TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture
; FILE REFERENCE: 25436/1660
; CURRENT APPLICATION NUMBER: US/09/728,574
; CURRENT FILING DATE: 2000-11-10
; PRIORITY APPLICATION NUMBER: US/09/728574
; PRIORITY FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO: 19
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Drosophila sp.
; FEATURE:
; NAME/KEY: bicoid DNA binding site
; LOCATION: (1)..(9)
; OTHER INFORMATION: US-09-728-574-19

Query Match          100.0%; Score 6; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      6 TTAGGG 1

RESULT 34
US-10-033-145-56
; Sequence 56, Application US/10033145
; Publication No. US20020151515A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05

Query Match          100.0%; Score 6; DB 15; Length 8;
Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TTAGGG 6
Db      3 TTAGGG 8

RESULT 32
US-10-775-818-4
; Sequence 4, Application US/10775818
; Publication No. US20040229894A1
; GENERAL INFORMATION:
; APPLICANT: KERWIN, SEAN M.
; APPLICANT: FEDOROFF, OLEG Y.
; APPLICANT: SALAZAR, MIGUEL
; APPLICANT: HURLEY, LAURENCE H.
; TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
; TITLE OF INVENTION: G-QUADRUPLE-INTERACTION COMPOUND

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PRIOR APPLICATION NUMBER: PCT/US99/13800  
 PRIOR FILING DATE: 1999-06-18  
 NUMBER OF SEQ ID NOS: 2137  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO: 56  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-033-145-356

Query Match Score 6; DB 13; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 6.2e+05;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 3 TTAGGG 8

RESULT 35  
 US-10-033-145-358  
 Sequence 35B, Application US/10033145  
 Publication No. US2002015151A1  
 GENERAL INFORMATION:  
 APPLICANT: GENZYME CORPORATION  
 APPLICANT: ROBERTS, BRUCE  
 APPLICANT: SHANKARA, SRINIVAS  
 TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES  
 FILE REFERENCE: GA0201C  
 CURRENT APPLICATION NUMBER: US/10/033,145  
 CURRENT FILING DATE: 2001-11-05  
 PRIOR APPLICATION NUMBER: PCT/US99/13800  
 PRIOR FILING DATE: 1999-06-18  
 NUMBER OF SEQ ID NOS: 2137  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO: 358  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-033-145-358

Query Match Score 6; DB 13; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 6.2e+05;  
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTAGGG 6  
 Db 5 TTAGGG 10

RESULT 36  
 US-10-033-145-313  
 Sequence 613, Application US/10033145  
 Publication No. US2002015151A1  
 GENERAL INFORMATION:  
 APPLICANT: GENZYME CORPORATION  
 APPLICANT: ROBERTS, BRUCE  
 APPLICANT: SHANKARA, SRINIVAS  
 TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES  
 FILE REFERENCE: GA0201C  
 CURRENT APPLICATION NUMBER: US/10/033,145  
 CURRENT FILING DATE: 2001-11-05  
 PRIOR APPLICATION NUMBER: PCT/US99/13800  
 PRIOR FILING DATE: 1999-06-18  
 NUMBER OF SEQ ID NOS: 2137  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO: 613  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-033-145-613

Query Match Score 6; DB 13; Length 10;

APPLICATION NUMBER: US 08/854,050  
 FILING DATE: 09-MAY-1997  
 APPLICATION NUMBER: US 08/851,843  
 FILING DATE: 06-MAY-1997  
 APPLICATION NUMBER: US 08/846,017  
 FILING DATE: 25-APR-1997  
 APPLICATION NUMBER: US 08/844,419  
 FILING DATE: 18-APR-1997  
 APPLICATION NUMBER: US 08/724,643  
 FILING DATE: 01-OCT-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Apple, Randolph T.  
 REGISTRATION NUMBER: 36,429  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 REFERENCE/DOCKET NUMBER: 015389-002600US  
 INFORMATION FOR SEQ ID NO: 294:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 STRANDEDNESS: single  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 MOLECULE TYPE: DNA  
 SEQUENCE DESCRIPTION: SEQ ID NO: 294:  
 US-10-044-692-294

Query Match	100.0%	Score 6;	DB 14;	Length 10;
Best Local Similarity	100.0%	Pred. No.	6.2e+05;	
Matches	6;	Mismatches	0;	
Qy	1 TTAGGG 6			
Db	1 TTAGGG 6			

RESULT 39  
 US-10-044-539-294

Sequence 294, Application US/10044539  
 GENERAL INFORMATION:  
 APPLICANT: Cech, Thomas R.  
 Lingner, Joachim  
 Nakamura, Toru  
 Chapman, Karen B.  
 Morin, Gregg B.  
 Harley, Calvin  
 Andrews, William H.  
 TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND  
 NUMBER OF SEQUENCES: 335  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Townsend and Townsend and Crew LLP  
 STREET: Two Embarcadero Center, 8th Floor  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: United States of America  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/044,539  
 FILING DATE: 11-Jan-2002  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/912,951.  
 FILING DATE: <Unknown>  
 APPLICATION NUMBER: US 08/854,050  
 FILING DATE: 09-MAY-1997  
 APPLICATION NUMBER: US 08/851,843

FILING DATE: 06-MAY-1997  
 APPLICATION NUMBER: US 08/846,017  
 FILING DATE: 25-APR-1997  
 APPLICATION NUMBER: US 08/844,419  
 FILING DATE: 18-APR-1997  
 APPLICATION NUMBER: US 08/724,643  
 FILING DATE: 01-OCT-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Apple, Randolph T.  
 REGISTRATION NUMBER: 36,429  
 REFERENCE/DOCKET NUMBER: 015389-002600US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 576-0200  
 TELEFAX: (415) 576-0300  
 INFORMATION FOR SEQ ID NO: 294:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 SEQUENCE DESCRIPTION: SEQ ID NO: 294:  
 US-10-044-539-294

Query Match	100.0%	Score 6;	DB 15;	Length 10;
Best Local Similarity	100.0%	Pred. No.	6.2e+05;	
Matches	6;	Mismatches	0;	
Qy	1 TTAGGG 6			
Db	1 TTAGGG 6			

RESULT 40  
 US-10-390-045-41

Sequence 41, Application US/10390045  
 GENERAL INFORMATION:  
 APPLICANT: MOUL, JUDD W.  
 APPLICANT: XU, LINDA L.  
 APPLICANT: SEGAWA, TAKERIKO  
 APPLICANT: POYNULOTIDE ARRAY  
 TITLE OF INVENTION: PROSTATE-SPECIFIC ANDROGEN-SIGNALING-ASSOCIATED  
 FILE REFERENCE: 0495.0057-00000  
 CURRENT APPLICATION NUMBER: US/10/390,045  
 PRIORITY FILING DATE: 2003-03-18  
 PRIOR APPLICATION NUMBER: US/09/769,482  
 PRIORITY FILING DATE: 2001-01-26  
 PRIOR APPLICATION NUMBER: 60/178,772  
 PRIORITY FILING DATE: 2000-01-28  
 PRIORITY FILING NUMBER: 60/179,045  
 PRIORITY FILING DATE: 2000-01-31  
 NUMBER OF SEQ ID NOS: 67  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO: 41  
 LENGTH: 10  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 US-10-390-045-41

Query Match	100.0%	Score 6;	DB 16;	Length 10;
Best Local Similarity	100.0%	Pred. No.	6.2e+05;	
Matches	6;	Mismatches	0;	
Qy	1 TTAGGG 6			
Db	5 TTAGGG 10			

Search completed: March 22, 2005, 19:09:50  
Job time : 215.25 secs

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